

19991006.qrp v01_n600.qrl.991006

Date: Wed, 6 Oct 1999 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1600

QRP-L Digest 1600

Topics covered in this issue include:

- 1) [52309] Re: ANYBODY AWAKE IN TUCSON??
by Bob Nielsen <nielsen@primenet.com>
- 2) [52310] Re: AZ ScQRPions Meeting??
by GElam30092@aol.com
- 3) [52311] RE: Bigger Antenna for the Atomic Clocks?
by "Kory Hamzeh" <kory@avatar.com>
- 4) [52312] RE: Query about Asian Paddle Source
by wpc@west.net (ElectronicsUSA.com)
- 5) [52313] 36 Years experience Mosley ants.
by "rohre" <rohre@arlut.utexas.edu>
- 6) [52314] Re: psk31
by Tom M <tjmc@erols.com>
- 7) [52315] Re: psk31
by Jeff <fantbb@yahoo.com>
- 8) [52316] Re: Bigger Antenna for the Atomic Clocks?
by "Rod Cerkoney" <rcw@frie.com>
- 9) [52317] RE: First Homebrew Rig
by "Kory Hamzeh" <kory@avatar.com>
- 10) [52318] ARS Spartan Sprint
by n5ib@juno.com
- 11) [52319] Re: Bigger Antenna for the Atomic Clocks?
by "Dick Schneider" <dschneider2@uswest.net>
- 12) [52320] Re: Ribbon Cable ladder line!!
by Niel Skousen <skousen@srv.net>
- 13) [52321] Re: Bigger Antenna for the Atomic Clocks?
by "Dave Benham" <dodgeboy@mindspring.com>
- 14) [52322] Keyer Questions
by Ed Kessler <edkess@epix.net>
- 15) [52323] Re: Bigger Antenna for the Atomic Clocks?
by The Boices <boice@bigfoot.com>
- 16) [52324] Re: Bigger Antenna for the Atomic Clocks?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 17) [52325] Re: Ribbon Cable ladder line!!
by Bob Edwards <w4ed@gis.net>
- 18) [52326] 20 meter fox
by af852@rgfn.epcc.edu (William R Colbert)
- 19) [52327] Re: Ribbon Cable ladder line!!

by Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
20) [52328] 80m Fox?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
21) [52329] My first DSW to DSW contact
by Addi Pittman <cornea@vsta.com>
22) [52330] Junk E-Mail.....Apologies....please accept if you were affected.
by "Frank Matthews" <fmathews@pilot.infi.net>
23) [52331] Good Condx for mW
by Monte Stark <ku7y@dri.edu>
24) [52332] FS: OHR-100A 20m tranceiver
by Danke Hirasawa <danke@scientist.com>
25) [52333] TenTec Argosy II 525D
by <SFIKE@twa.com>
26) [52334] Re: 80m Fox?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
27) [52335] FOXHUNT!!! Schedule Announcement!!!
by "Paul R. Valko" <prvalko@oakland.edu>
28) [52336] Re: Ribbon Cable ladder line!!
by Hal Maney <hmaney@earthlink.net>
29) [52337] FS/trade
by Dan Presley <talljazz@teleport.com>
30) [52338] Spartan Sprint Report from KI6DS
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
31) [52339] Fox: Groundhog's hole
by "Paul Helbert, Wv3j" <phelbert@rica.net>
32) [52340] October Sprint Report
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
33) [52341] Re: Static...a few facts to think on.
by "Dan W. Dooley" <dandooley@pipeline.com>
34) [52342] Re: Recommendations for 10 meter mag mount
by "Dan W. Dooley" <dandooley@pipeline.com>
35) [52343] Re: Sawmill
by "Dan W. Dooley" <dandooley@pipeline.com>
36) [52344] Fox Hunt Preamble Report from KI6DS
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
37) [52345] Re: Tuna Tin 2 pi output ckt
by "Dave Fifield" <fifield@pacbell.net>
38) [52346] RV: 10M
by "Juan Jose Pastor Estornell" <juanjope@ctv.es>
39) [52347] The static thing
by Pete Burbank <plburbank@kih.net>
40) [52348] Re: FOXHUNT!!! Schedule Announcement!!!
by Monte Stark <ku7y@dri.edu>
41) [52349] Re: Recommendations for 10 meter mag mount
by "Kevin Asato" <kevin.k.asato@worldnet.att.net>
42) [52350] Re:CB Conversions
by Daniel Bartlett <ausham@rocknet.net.au>
43) [52351] ARPR Australia

by Daniel Bartlett <ausham@rocknet.net.au>
44) [52352] Re: Static...a few facts to think on.
by Bill Meara <n2cqr@erols.com>
45) [52353] Re:CB Conversions
by "Christopher Cox" <cobox@urec.net>
46) [52354] FS: 15M & QF-1A
by KQ5U <kq5u@flash.net>
47) [52355] Sawmill Stuff
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
48) [52356] Swamp Fox
by wd4et@juno.com
49) [52357] Re:CB Conversions
by "Mike Yetsko" <myetsko@insydesw.com>
50) [52358] Large RS clock
by "Faith III, Don C" <FaithD@mail01.dnr.state.wi.us>
51) [52359] Re: Static...a few facts to think on.
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
52) [52360] Re: Static...a few facts to think on.
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
53) [52361] Re: Sawmill
by "Brad Bradfield, PE" <b_bradfield@yahoo.com>
54) [52362] Help needed MFJ-9020
by DL2FI@t-online.de (Peter Zenker)
55) [52363] Re: Swamp Fox
by Paul Womble <pwomble1@tampabay.rr.com>
56) [52364] If you're building the Poor Man's Paddle.....
by "Dennis Payton" <dpayton@fwi.com>
57) [52365] AR-QRP 40m Net Tonight
by Robsparks@aol.com
58) [52366] Re: SD-20 pole for SLV
by "Harley L. Miller" <hmliller@sound.net>
59) [52367] RE: Bigger Antenna for the Atomic Clocks?
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
60) [52368] Another Antenna Support
by Steve Kubisch <WW7Y@sisna.com>
61) [52369] RE: Sawmill
by "Richard Hensel" <rrhensel@sprintmail.com>
62) [52370] October HQRP Meeting
by "Ed Manuel (N5EM)" <n5em@flash.net>
63) [52371] Pre-FOX fest
by Allan G Taylor <k7gt@arrl.net>
64) [52372] FOX: 20M Fox Warm-Up Fun!
by "Kevin L. Anderson" <kla@helios.augustana.edu>
65) [52373] Century 22 -- TX Offset Question
by "Kevin L. Anderson" <kla@helios.augustana.edu>
66) [52374] Re: Static...a few facts to think on.
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
67) [52375] MN9 9-band QRP xcvr kit?

- by chuck.olson@sbaonline.gov
- 68) [52376] Pre-Fox Test @ AJ4Y
by Paul Womble <pwomble1@tampabay.rr.com>
- 69) [52377] Re: MN9 9-band QRP xcvr kit?
by Monte Stark <ku7y@dri.edu>
- 70) [52378] New Multiband Transceiver from HSC
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 71) [52379] variometers
by Anthony Felino <anthony@pacinfosb.com>
- 72) [52380] QST QRP "Roundup"
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
- 73) [52381] Pre-Fox Fest
by Joel Malman <malman@world.std.com>
- 74) [52382] Paddle help:
by "J. W. (Dub) Thornton" <dub@oklahoma.net>
- 75) [52383] The ARRL and QRP
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 76) [52384] TT-2 Output network
by sigcom@juno.com
- 77) [52385] Re: The ARRL and QRP
by "Paul R. Valko" <prvalko@oakland.edu>
- 78) [52386] AL7FS Casual CQ QRPp on 28.060.50
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 79) [52387] Remember the Sardine Sender?
by "Alyn Backe" <ve6bpr@cnn.net>
- 80) [52388] Re: variometers (OT)
by "Brad Bradfield, PE" <b_bradfield@yahoo.com>
- 81) [52389] Re: Tuna Tin 2 pi output ckt
by "KA5T Larry Wise" <lewise@inetport.com>
- 82) [52390] A post-FOXHUNT event idea: a HOUND-DOG party!!
by Allan G Taylor <k7gt@arrl.net>
- 83) [52391] FOXHUNT: 10/12/99 Pre-Foxhunt QSO Party
by "Paul R. Valko" <prvalko@oakland.edu>
- 84) [52392] AL7FS ups power to 500mw at 1730Z
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 85) [52393] Re: Remember the Sardine Sender?
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 86) [52394] RE: 15M & QF-1A
by Kyle Lusk <klusk@bhm vending.com>
- 87) [52395] Pre-Fox blowout.
by Ed Loranger <we6w@qsl.net>
- 88) [52396] Re: [Elecraft] history of the 2.1mm plug/jack
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 89) [52397] Just in time for the 2000 Fox Hunt season
by Paul Womble <pwomble1@tampabay.rr.com>
- 90) [52398] Re: Recommendations for 10 meter mag mount
by "Carl Zmola" <zmola@campbellsci.com>
- 91) [52399] Re: AL7FS <-->K7GT 2xQRPp

by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
92) [52400] MN9 9-BAND QRP XCVR K
by chuck.olson@sbaonline.gov
93) [52401] Re: Help needed MFJ-9020
by RangerSF5@aol.com
94) [52402] Buzzsaw
by "ai2q" <ai2q@ispchannel.com>
95) [52403] AL7FS off the air for now at 1830Z
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
96) [52404] what's the going price for a ohr-400
by "The One and Only!" <mitch96@pobox.com>
97) [52405] ORIGINAL-QRP-CONTEST (OQRPC), Date 2000
by Michael <mike_mhe@compuserve.com>
98) [52406] H.O.T Party Results 1998
by Michael <mike_mhe@compuserve.com>
99) [52407] Re: Swamp Fox
by wd4et@juno.com
100) [52408] Re: The ARRL and QRP
by Bruce Muscolino <w6toy@erols.com>
101) [52409] Re: Remember the Sardine Sender?
by Bruce Muscolino <w6toy@erols.com>
102) [52410] Re: Nye Viking keyer paddle and keyer FS
by "Ken Simpson" <W8EK@fdt.net>
103) [52411] Cycle23 propagation
by wj5o@juno.com
104) [52412] Fox trial run
by Pete Burbank <plburbank@kih.net>
105) [52413] Sardine Sender
by "KA5T Larry Wise" <lewise@inetport.com>
106) [52414] Throwing the Sheep to the Wolves
by K10J <k10j@ditdit.com>
107) [52415] 10 Mhz oscillator photo/web page info.
by Ed Loranger <we6w@qsl.net>
108) [52416] Re: The ARRL and QRP
by Pete Burbank <plburbank@kih.net>
109) [52417] FS: TT ARGONAUT II MODEL 535
by "Bill Legge, NT1R" <wlegge1@maine.rr.com>
110) [52418] Solder suckers
by "Ted Williams" <tedw@btinternet.com>
111) [52419] Sardine Sender/QST
by charles k brown <n4so@juno.com>
112) [52420] Re: Sawmill
by "George T. Baker" <w5yr@swbell.net>
113) [52421] RE: FOXHUNT: 10/12/99 Pre-Foxhunt QSO Party
by "NA6E" <mcherry@calweb.com>
114) [52422] Re: Ribbon Cable ladder line!!
by n5ib@juno.com

Date: Tue, 5 Oct 1999 16:18:09 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: Brad Bradfield <b_bradfield@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52309] Re: ANYBODY AWAKE IN TUCSON??
Message-ID: <19991005161809.B15397@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Tue, Oct 05, 1999 at 06:20:02AM -0700, Brad Bradfield wrote:

>
> Hello dudes and dudettes - -
>
> If you ain't in Tucson, hit the DELETE button now . .
> .
>
> I'll be in Tucson on business all next week and on and
> off till at least the middle of November when I will
> no longer work for "Mother Raytheon." Any ham or QRP
> related stuff going on? Anyone want to get together
> for supper? I'll have my Sierra along so plan on
> operating from the hotel. 20, 30, and 40 Meters.
> Listen for me evenings.
>
> I'll be travelling to the desert sometime between
> Friday and Monday. This weekend is nearest New Moon.
> Any astronomy club viewing parties going on?
>
> 72's es 73's,
>
> Brad, W5CGH
>
>
> =====
> Brad Bradfield, PE Soon to be ex-Systems Engineer
> W5CGH (ex WB0CGH) for Raytheon Systems Company
>
> Real men talk with their fingers!!
>
> NORTEX QRP-L #377 QRP-ARCI #10012 SMIRK #4906
> ARS #72 NORCAL Austin QRP Club #i
> -----
> Do You Yahoo!?
> Bid and sell for free at <http://auctions.yahoo.com>

Aw, you woke me up!

With any luck I'll have my DSW-40 hooked to an antenna by then. No miles/watt records are likely to fall though.

Don't knock Raytheon--they send me my Hughes Aircraft retirement checks.

Bob, W6SWE

ex-Hughes engineer

--

Bob Nielsen	Internet: nielsen@primenet.com
Tucson, AZ	AMPRnet: w6swe@w6swe.ampr.org
DM42nh	http://www.primenet.com/~nielsen

Date: Tue, 5 Oct 1999 19:36:06 EDT
From: GElam30092@aol.com
To: n5em@flash.net, qrp-1@lehigh.edu
Subject: [52310] Re: AZ ScQRPions Meeting??
Message-ID: <614e99ca.252be566@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/5/99 1:25:15 PM US Mountain Standard Time, n5em@flash.net writes:

<< 'm gonna be in Phoenix - in November - on Saturday the 7th. And it won't be hot enough to melt lead! Any chance that coincides with a ScQRPions meeting??? >>

Our next meeting is on Saturday the 6th. The 7th is on a Sunday. When you do arrive?

Cheers,
Gerry Elam
PHX AZ

Date: Tue, 5 Oct 1999 16:37:45 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <erics@elecraft.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52311] RE: Bigger Antenna for the Atomic Clocks?
Message-ID: <002901bf0f8a\$a04149c0\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I tried wrapping several turns of wire around the ferrite antenna and the other end connected to my Carolina Windom 80 and I did not see any improvements in the clocks ability to sync better. The S-meter reading on the clock was the same. I'd like to hear from others though.

73,
Kory
AC6RN

>
> So that brings a question to mind. Why not put up a wire RX
> antenna to extend
> the range of the clocks receiver? A simple one might be a length
> of wire (say
> 50 - 100') with one end wrapped around the clock's ferrite antenna. A more
> advanced one could be matched with a simple LC circuit and
> possible amplified
> with a tuned pre-amp. That way I could run the clocks inside the
> shack all the
> time.
>
> Anyone tried this? I think I'm about to.
>
> 72, Eric WA6HHQ
>

Date: Tue, 5 Oct 1999 16:43:13 -0500
From: wpc@west.net (ElectronicsUSA.com)
To: qrp-1@Lehigh.EDU
Subject: [52312] RE: Query about Asian Paddle Source
Message-ID: <v01530502b420207e8fa0@[205.254.241.221]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Tabi' Apai Donny & Gang,
>
>Nice to hear my native Iban tongue echoes by someone on the list!
>Ok Donny, the MK44 Whiterook is a pocket-sized plastic paddle of abt
>2 x 2 inches & it's available from this particular site for orders outside
the USA:

>
><http://www.west.net/~wpc/dxorderform.html>
>

The webpage for our Pocket Mini-Keys is:

<http://ElectronicsUSA.com/mk.html>

Thanks for the interest in our products!

72, -John

John Roblin
ElectronicsUSA.com (a.k.a. Whiterook Products Co.)
<http://ElectronicsUSA.com>

Date: 5 Oct 1999 18:53:55 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [52313] 36 Years experience Mosley ants.
Message-ID: <n1272972846.17834@msmailgw1.arlut.utexas.edu>

A poster raised a question about an antenna modification project to some manufactured antennas, and what was the reputation of the company?

>From his description, I would suggest that once you have severely modified a manufacturer's design, then it is no longer that maker's product. Why would any manufacturer be anxious to help some random group change their design, which was worked out to be an affordable marketable, and manufacturable product? It is a tribute to the Mosley Co. generosity that they have assisted this group.

Now, my experience with Mosley antennas goes back to my tower climbing days, some 36 or more years ago. The Mosley my neighbor ham had was rugged and gave no problems, and was very sturdy, (NOT light!), and models such as the TA 33 are still working today.

Our local general interest club, has a TA 33 that has been in continuous use on a 60 plus foot tower since 1976! The only thing that had to be upgraded was new coax feeder when the original Belden coax turned to the flexibility of glass, and its insulation cracked off the wire. This antenna has survived documented lightning strikes to the tower that took out a commercial ground plane atop the mast of the beam. It survived one severe wind storm that

twisted over the upper section of the tower. It survived tornados hitting the airport next door to the club site, where dozens of private planes were destroyed, and hangers unroofed on another occasion. It has been stood up to its share of wind!

It has given a good account in various DX tests, in Hurricane nets, and in message traffic to Central America in a health and welfare case, with only 100 watt transceivers. No matching device has been needed to cover the phone bands where it is tuned.

The later models of Mosley antennas seem to have rugged aluminum castings in the element mounting brackets, and to have a simple and elegant feed system, of the sleeve dipole variety. This is clearly documented and explained in the catalog I was examining this morning.

I have acquired, as third owner at least, a tri bander Mosley Classic, 10-20 M beam, and fully expect it to be as reliable as the TA 33's I am personally familiar with. The only thing needing to be replaced on this as received, is someone substituted a plated bolt for one of the normally stainless steel ones.

The traps are simple, elegant aluminum tubing forming the capacitors, and heavy wire inside, and UV resistant insulators. True, the internal detail of the traps is not given in the assembly manual, but the manual is straightforward and you simply measure the elements to the lengths required for either a CW tune up or phone band tune up. I do not know of Cushcraft or others revealing their traps electrical values either.

I have never seen cracked insulation on the traps of Mosley antennas, but have seen my Hy Gain traps crack after less than 10 years of use in the severe southwestern sun.

Another local ham has many years on his TA 33, and recently moved his residence and took down and re-erected the same TA 33 successfully after 20 some years in his old location.

As far as I have seen by personal observations of these Mosley antennas, they are one of the most substantial on the market, and certainly any company that has survived longer than most beam cos. must be doing it right!

Incidentally, I found their factory engineer to be very helpful at the time I was upgrading the feed to the club beam, and thinking of adding the 40M kit to the club antenna. (We still plan to do that, but have found only one of the 40M kit halves in the garage of one of our members, who was providing it. If he ever cleans out the garage the rest of the way, we hope to find the other half!)

One thing I always liked about Mosley antennas, is there is no complicated matching network to adjust when you are 60 feet in the air, and only a coax

cable choke is needed in the feedline.

Hope this helps,
Stuart K5KVH

Date: Tue, 05 Oct 1999 20:11:30 -0400
From: Tom M <tjmc@erols.com>
To: wlreed@custom.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52314] Re: psk31
Message-ID: <37FA93B2.A48C384E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Now, I just need to find out where all these guys are hanging out.
> Wayne, k9ne
> wlreed@custom.net

Wayne,
The "official" freqs for PSK31 are as follows;

- The plan for PSK31 activity has always been (since PSK31 started just 3 years ago) to concentrate activity starting from the bottom edge of the IARU RTTY bandplan, expanding upwards as activity increased. The exception is in the 10mts band in order to give non full privileges ham to meet. It was defined as 150 Hz above it. Keep in mind that all you need is about 100 Hz as channel separation.

1838.150
3580.150
7035.150
10140.150
14070.150
18100.150
21080.150
24920.150
28120.150

Check out the site below.

<http://aintel.bi.ehu.es/psk31.html>

73

Tom AA2vk

Date: Tue, 5 Oct 1999 17:22:35 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [52315] Re: psk31
Message-ID: <19991006002235.7754.rocketmail@web111.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Tom M <tjmc@erols.com> wrote:

> ago) to concentrate activity starting from
> the bottom edge of the
> IARU RTTY
> bandplan,
> 7035.150

Here in the USA it's 7070. At least that is where
I worked others on PSK31. It's unofficial though.

72!

Jeff

=====

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 5 Oct 1999 18:39:05 -0600
From: "Rod Cerkoney" <rlwc@frii.com>
To: <erics@elecraft.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52316] Re: Bigger Antenna for the Atomic Clocks?
Message-ID: <00aa01bf0f93\$36d681e0\$0e8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Eric:

Sounds like a fun science project, but at a distance of only 3-4 wavelengths from the transmitter/ant site--my data would be skewed. ; -)

On a serious note: I wrote to and finally heard back from NIST. WWVB is supposed to up power to about 50kW this month. Now it is only about 30kW. The power increase may help your situation. Time will tell. OOPS no Pun intended :-)

72/3 Rod, N0RC
da di dah

----- Original Message -----
From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, October 05, 1999 4:21 PM
Subject: Bigger Antenna for the Atomic Clocks?

> Hi,
>
> I purchased a couple of the Atomic clocks from Rod, N0RC and have been pretty
> happy with their performance.
>
> Out here on the left coast the signal from WWVB is not so strong. My Atomic
> Clocks can sync if I put them outside the house, but they fail inside. (Of
> course my shack is at ground level down the side of a hill...) And to top it
> off, when one of the clocks is set to GMT it tries to sync with WWVB at 0000Z
> (5 PM PDT). Not the best time for VLF propagation.
>

> So that brings a question to mind. Why not put up a wire RX antenna
to extend
> the range of the clocks receiver? A simple one might be a length of
wire (say
> 50 - 100') with one end wrapped around the clock's ferrite antenna.
A more
> advanced one could be matched with a simple LC circuit and possible
amplified
> with a tuned pre-amp. That way I could run the clocks inside the
shack all the
> time.
>
> Anyone tried this? I think I'm about to.
>
> 72, Eric WA6HHQ
>

Date: Tue, 5 Oct 1999 17:41:31 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: "Hendricks, Doug" <ki6ds@dpol.k12.ca.us>
Cc: <qrp-l@lehigh.edu>
Subject: [52317] RE: First Homebrew Rig
Message-ID: <000001bf0f93\$88c22fe0\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Doug,

Thanks for the kind words. After reviewing the 2n2/40, I may go ahead and
build one. Look pretty good!

Thanks & 73,
Kory
AC6RN

> -----Original Message-----
> From: Hendricks, Doug [mailto:ki6ds@dpol.k12.ca.us]
> Sent: Tuesday, October 05, 1999 3:11 PM
> To: kory@avatar.com
> Cc: qrp-l@lehigh.edu
> Subject: First Homebrew Rig
> Importance: High

>
>
> Kory, first of all glad to see that you are feeling better.
> Anyone thinking
> about building has to feel better. Now for your question. I
> have seen both
> the 2N2/40 and the TT2/MRX highly modified rig by Dave Fifield.
> Here is my
> opinion. The 2N2/40 is light years better than the TT2/MRX combo
> as far as
> performance goes. But I have a suggestion. Why don't you build the
> TT2/MRX Manhattan style to get the experience of building using
> Jim Kortge's
> building method. (for the IC's just make a big pad 3/4" x 3/4" and make a
> bisecting cut with a hacksaw through the copper, then turn your saw 90
> degrees and make a bisecting cut in the other direction. Then bisect each
> pad one more time. A long way around saying cut into 8 pads. Then mount
> the IC to the pad, and glue to the board. Works great) When you get done
> with this rig, you'll be more than ready to build the 2N2/40, which is a
> dynamite rig. Check with Preston Douglas and some of the other
> builders for
> their opinions of the rig. IT IS THE REAL DEAL!! You'll learn a ton by
> building it, and when you finish, you will have a rig that you
> love to use!!
>
> And that reminds me to remind all of the guys to be sure and enter their
> 2N2/40's in the NorCal building contest at Pacificon. We are giving away
> really nice plaques for the first 3 places. Plus, if any of you
> want to see
> the real original 2N2/40, it will be at Pacificon with its designer, Jim
> Kortge. You don't have to come to Pacificon to enter your rig in the
> contest. But, you do have to make arrangements to get it there and please
> do not ask Jim Cates or me to do this. We will say no, as we
> have enough to
> do already.
>
> Ok Kory, sorry for the interruption. Let us know which project you choose,
> and we'll be anxious to hear how you come out. 72, Doug, KI6DS
>
>

Date: Tue, 05 Oct 1999 20:37:46 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [52318] ARS Spartan Sprint

Message-ID: <19991005.192639.4671.0.N5IB@juno.com>

This was my first ARS sprint to actually work the whole two hours and submit a log. 12 Q's on 20 and 3 more on 40. Lots of QSB here on 20, and goshawful noise level on 40. I seemed to have a pipeline into Colorado on 20.

Did bag Chuck and Doug, Chuck was at 500 mW and stronger than most other signals - gave him 56n or 57n - log's in the other room. And 2 Q's resulted from CQ's - sort of a contest first for me...

The rigs were the DSW 20 & 40, just under 2 W each, to a mostly horizontal 40 m fullwave loop only 18' up at the feed point and mostly about 12' - a real cloud warmer. Straight key only - newly acquired J-38.

It was lots of fun - looking forward to the next ones. Hope to see you on the pre-Fox-hunt tonight...

72
Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 5 Oct 1999 18:46:56 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: <kory@avatar.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52319] Re: Bigger Antenna for the Atomic Clocks?
Message-ID: <003f01bf0f94\$4aa88dc0\$fa9fa0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

At last!

Finally, there's something that us folks stuck here in the center of the continent can receive better than all those lucky hams on the left or right coasts.

The Atomic Clock signal is right up the road in Fort Collins and our clocks sync up anywhere - attic, basement, Eisenhower tunnel, at coffeeshops, continental divide, in an ole mine, in the car, underwater.

00:48:09 TU 10/06 (on the dot!)

72 Dick AB0CD..

----- Original Message -----

From: Kory Hamzeh <kory@avatar.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, October 05, 1999 5:37 PM

Subject: RE: Bigger Antenna for the Atomic Clocks?

>
> I tried wrapping several turns of wire around the ferrite antenna and the
> other end connected to my Carolina Windom 80 and I did not see any
> improvements in the clocks ability to sync better. The S-meter reading on
> the clock was the same. I'd like to hear from others though.

>
> 73,
> Kory
> AC6RN

>
> >
> > So that brings a question to mind. Why not put up a wire RX
> > antenna to extend
> > the range of the clocks receiver? A simple one might be a length
> > of wire (say
> > 50 - 100') with one end wrapped around the clock's ferrite antenna. A
more
> > advanced one could be matched with a simple LC circuit and
> > possible amplified
> > with a tuned pre-amp. That way I could run the clocks inside the
> > shack all the
> > time.

> >
> > Anyone tried this? I think I'm about to.

> >
> > 72, Eric WA6HHQ

> >
>
>

Date: Tue, 05 Oct 1999 18:47:13 -0600

From: Niel Skousen <skousen@srv.net>

To: ki6ds@dpol.k12.ca.us, qrp-1@lehigh.edu
Subject: [52320] Re: Ribbon Cable ladder line!!
Message-ID: <4.2.0.58.19991005133400.00b00340@if.sciencetech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ok all, here is the first look at **PRELIMINARY DATA**

<note: use a fixed pitch font, enable tabs, to see table below...>

This data is really rough, I'd appreciate any crosschecking that people might do. I've made a couple cables just short of 10' and compared against a piece of 9913 that was handy. The ribbon window line is noted as ribbon(2_4_2) denoting 2 conductors on one side, 4 conductors removed from the middle, and 2 on the other side. Wire is NOT removed from the cut sections (I'm lazy...). Ribbon(2_2) is two line with no window (eg a 4 wire ribbon fed 2 on each side...)

two TDR pulse widths were used (2ns and 10ns) corresponding roughly to a 80Mhz and a 20Mhz measurement, hence the 'Atten20' and 'Atten80' labels. After starting the data, I figured that we must be seeing some radiation loss (duh) due to balance issues so I whip'ed up a 2:5 balun on a bln-202 core (no compensation).

The data shows a number of things:

- ribbon window line is better than non-window'ed line
- ribbon lines are especially sensitive to feedpoint balance
- two wires on each side is better than 1
- low impedance lines show less effect if fed unbalanced than Hi-Z lines
- ribbon window line attenuation is on the same order as Zip (just lighter)
- my quickie balun sucks at 80Mhz.

Bottom line, expect about a 5dB loss in 50' with either zip cord or ribbon window line. Note that two wires on each side shows better electrical performance than one, and is physically more stable too. Expect that part of the 5dB loss is feedline radiation, so this is really not necessarily a bad transmission line for portable QRP operation, JUST BE SURE ITS FED BALANCED ;-) (The ZM-2 is intrinsically balanced...)

I'll try to get some TV 300 line tonite, and when I scrounge some real ladder line I'll do it to...

Tnx all, fire away
Niel

Type	len	vel	Zo	rhoW	atten20	rhoN	Atten80
------	-----	-----	----	------	---------	------	---------

ribbon(2_2)	9.5	.61	100	.68	-8.8	.32	-26.0
ribbon(1_3_1)	9.5	.63	300	.5	-15.8	.42	-19.8
ribbon(2_4_2)	9.5	.65	250	.51	-15.4	.45	-18.3
ribbon(2_4_2)Bal	9.5	.65	250	.8	-5.1	.51	-15.4
ribbon(2_2)Bal	9.5	.61	100	.75	-6.6	.3	-27.5
Zip	9.5	.52	100	.75	-6.6	.52	-14.9
Zip w/ Balun	9.5	.52	100	.78	-5.7	.4	-20.9
9913	34	.9?	50	.98	-0.13	.91	-0.6

Analysis Notes:

$\rho = (P_r/P_f)^{.5}$

Loss = $10 \log(P_o/P_{in}) = 2 * 10 \log(\rho^2)$ (note $P_r = P_f$ - loss of 2 trips)

length is normalized to 50', a typ QRP field feedline,
not the industry standard 100'

Date: Tue, 5 Oct 1999 20:35:03 -0400
 From: "Dave Benham" <dodgeboy@mindspring.com>
 To: <erics@elecraft.com>
 Cc: <qrp-l@Lehigh.EDU>
 Subject: [52321] Re: Bigger Antenna for the Atomic Clocks?
 Message-ID: <027901bf0f92\$a4a3bfe0\$41e48ad1@hqa.chrysler.com>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

I have one of the RS clocks and it works OK here north of Detroit so I have no need to fool with the antenna right now. However, I'm wondering if an old trick we used to do as kids with early AM transistor radios might work. We used to put the transistor radio near the telephone or the telephone cord and, I guess by induction, pick up all sorts of DX. Would that work here?
 Dave K8TRF

----- Original Message -----

From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
 To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
 Sent: Tuesday, October 05, 1999 6:21 PM
 Subject: Bigger Antenna for the Atomic Clocks?

> Hi,

>

> I purchased a couple of the Atomic clocks from Rod, N0RC and have been

pretty
> happy with their performance.
>
> Out here on the left coast the signal from WWVB is not so strong. My
Atomic
> Clocks can sync if I put them outside the house, but they fail inside. (Of
> course my shack is at ground level down the side of a hill...) And to top
it
> off, when one of the clocks is set to GMT it tries to sync with WWVB at
0000Z
> (5 PM PDT). Not the best time for VLF propagation.
>
> So that brings a question to mind. Why not put up a wire RX antenna to
extend
> the range of the clocks receiver? A simple one might be a length of wire
(say
> 50 - 100') with one end wrapped around the clock's ferrite antenna. A more
> advanced one could be matched with a simple LC circuit and possible
amplified
> with a tuned pre-amp. That way I could run the clocks inside the shack all
the
> time.
>
> Anyone tried this? I think I'm about to.
>
> 72, Eric WA6HHQ

Date: Tue, 05 Oct 1999 20:59:34 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-l@Lehigh.EDU
Subject: [52322] Keyer Questions
Message-ID: <37FA9EF6.9792A1B3@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I know most guys seem to prefer the TICK, a CMOS keyer, etc.

But I've been looking at two circuits that use simple circuits and easy
to find ICs. Does anyone have any experience with these circuits? Which
one is preferable? Is it possible to build a weighting control into
them?

Circuit using NE555s in Solid State Design, p. 178.

Circuit using 741s in Understanding Amateur Radio, p. 168.

I'm not looking for a low current design, however the 741 circuit draws about 10mA. Just want to have some fun building my own homebrew keyer.

Tnx,
Ed, AA3SJ

Date: Tue, 05 Oct 1999 21:12:20 -0400
From: The Boices <boice@bigfoot.com>
To: <qrp-1@lehigh.edu>
Subject: [52323] Re: Bigger Antenna for the Atomic Clocks?
Message-ID: <3.0.6.32.19991005211220.007cde30@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 20:35 99/10/05 -0400, Dave Benham wrote:
>I have one of the RS clocks and it works OK here north of Detroit so I have
>no need to fool with the antenna right now.

I also have a Radio Shack clock, and have not had a problem keeping it dead on from south central Maine. Of course, it also tries to sync up 6 times a day, most of which are in the early morning hours.

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw

Date: Tue, 05 Oct 1999 20:22:33 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: erics@elecraft.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52324] Re: Bigger Antenna for the Atomic Clocks?
Message-ID: <007b01bf0f99\$454dc200\$8e37a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I propose a possible reason for your inability to receive WWVB while inside your house and maybe a solution.

Given the very long wavelength used for the transmission and the very low height in terms of wavelength that your receive antenna is at, any received signal will be predominately vertically polarized. Any overhead conductive object (such as house wiring) will severely attenuate the signal due to the vertically polarized signal not being able to fit between the ground and the conductive object (kind of a waveguide cutoff effect).

An external antenna should help but merely wrapping an external wire antenna around the receiver may not be enough as indicated by a previous post. This would provide only capacitive coupling if the other end is left floating. The other end of the coil around the receiver must be connected to ground. Since the receiver probably uses a "loopstick" (coil around a ferrite rod) magnetic antenna, a magnetic field must be set up around the receiver in order to couple any energy into the loopstick. Energy will travel from the outside antenna, through the coil, and to the ground setting up a magnetic field in the coil that will induce current into the receiver's internal antenna.

I'm am not familiar with your receiver but I hope this information helps. I receive WWVB well here in north Texas using a VLF receiver and a 50' long, 20' high inverted-L antenna.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Tue, 05 Oct 1999 21:20:25 -0400
From: Bob Edwards <w4ed@gis.net>
To: skousen@srv.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [52325] Re: Ribbon Cable ladder line!!
Message-ID: <37FAA3D9.89E17590@gis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Niel Skousen wrote:

>

> Ok all, here is the first look at **PRELIMINARY DATA**

Thanks Niel, your effort on this is appreciated.

> Wire is NOT removed from the cut sections (I'm lazy...)

Me too, when I tested some 4 wire rotor cable. Then, later, I wondered if maybe removing the window area would have changed the numbers. The window area material still had some dielectric property, just don't know if it was significant.

> - ribbon window line attenuation is on the same order as Zip (just lighter)

I have some smallish speaker wire that approximates Zip cord RF transmission characteristics. It has a much smaller cross-section, and is lighter and more flexible than Zip cord or the 4/6/8 line ribbon cable. But I don't use it for anything other than 1/4 wave Q-sections, because of its loss.

> I'll try to get some TV 300 line tonite, and when I scrounge some real
> ladder line I'll do it to...

My guess, fwiw, these both will have less loss than 9913 (& all the above).

```
--
      /\
     /\ \
    /  |K2\
   /   |21 \
  /___|____\
 \-===*===--/]
~~~~~
```

Bob 72/73
email, w4ed@amsat.org
<http://www.qsl.net/w4ed>
near Atlanta, GA EM73wt

Date: Tue, 5 Oct 1999 19:37:05 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@lehigh.edu
Subject: [52326] 20 meter fox
Message-ID: <199910060137.TAA16797@rgfn.epcc.edu>

Imagine my surprise to run across the critter on 20 - Allan K7GT
in the 14.06 range good sigs short skip. 0135 utc.
gl and glad to hear the chase
Ray

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Tue, 05 Oct 1999 19:01:41 -0700 (PDT)
From: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
To: Bob Edwards <w4ed@gis.net>
Cc: CLOFGREN@BENSON.MCKENNA.EDU, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52327] Re: Ribbon Cable ladder line!!
Message-ID: <Pine.PMDF.3.96.991005183729.3322A-100000@BENSON.MCKENNA.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII
Content-transfer-encoding: 7BIT

On Tue, 5 Oct 1999, Bob Edwards wrote:

> Niel Skousen wrote:
> >
> > Ok all, here is the first look at **PRELIMINARY DATA**
>
> Thanks Niel, your effort on this is appreciated.
>
[etc.]

A year or two ago, I did some measurements on "none-regulation" parallel line, and also obtained quite high loss figures.

So I prefer to go back to the homebrew-in-field openwire line that I described in my article on the "FFD" (the field-friendly doublet) in the Adventure Radio Society's online Sojourner Magazine for June 1998, available in the ARS archives at

<http://www.natworld.com/ars>

As I recall, the loss I measured in it (not reported in the article) was about 0.24 dB per 100 feet at 10 MHz. That not as good as openwire line with solid conductors of #12 or #14, but who'd want to carry such stuff into the field?

Would my version string easily from a long fish pole? No, but maybe someone can come up with an adaptation.

Charlie, W6JJZ
clofgren@mckenna.edu

Date: Tue, 05 Oct 1999 21:10:34 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [52328] 80m Fox?
Message-ID: <00e001bf0f9f\$f9dd2660\$8e37a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I worked K5NZ on 80m (3.560 MHz) tonight. He was calling CQ FOX. I've never participated in any of the FOX hunts before, therefore I don't know if he was the FOX or if he was looking for the FOX. We had a nice short QSO anyway.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Tue, 05 Oct 1999 21:22:12 -0500
From: Addi Pittman <cornea@vsta.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52329] My first DSW to DSW contact
Message-ID: <37FAB253.4E50EB03@vsta.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just made my first DSW to DSW contact with N5IB, Jim. The QRM was very bad, with broadcast stations coming in. I only hope that my rig sounds as good as his did. I finished this rig this weekend and I love it. It has all the features I need for my backpacking. I love the enclosure. Jim tells me that his enclosure is a wood box! Im not that handy, but Jim I looked yours up on your web site, and its really a work of art. OK enough of this, and thanks to all of you that helped me with this kit, and especially to Dave Benson, you really go out of the way to help. I appreciate it.

Adios, Bob K5EYE

PS This is a DSW 40

Date: Tue, 5 Oct 1999 22:45:36 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: <sfrc@airage.com>
Subject: [52330] Junk E-Mail.....Apologies....please accept if you were affected.
Message-ID: <008b01bf0fa4\$df4bc040\$1a0961d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

After returning to my computer this evening it appears that some type of message was sent out to several members of the listserver (probably those in my address book as best I can figure). It appears that my other half was attempting to forward an e-mail message that was sent to us.

I've always encouraged her to use the computer and that she really couldn't "mess up". Well...I was wrong. Please accept my apologies if you were a recipient. I have modified my address book so that she should not be able to do this again as well as given her some "ojt" (military folks understand that one).

Once again please accept my apologies...but if you don't...I suppose there is nothing I can do and I'll understand.

Frank

Date: Tue, 5 Oct 1999 19:49:54 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [52331] Good Condx for mW
Message-ID: <Pine.GSO.4.10.9910051947040.26311-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Good condx on 10m this eve....

I worked a DS2 (Korea) with 15 mW. He was a bit over
S9 on the meter and he gave me a 339. I'll take it! :-)

Later I worked Ed in CA and Jack in UT on 40m with
15 mW.

Who sezs wire nuts and 75 ohm coax feeding 50 ohm antennas
250' away ain't no good? :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 05 Oct 1999 22:47:47 -0400
From: Danke Hirasawa <danke@scientist.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52332] FS: OHR-100A 20m tranceiver
Message-ID: <37FAB853.BB018793@scientist.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have an OHR-100A for 20 meter.
5w max. out (adjustable) , 14.000-14.075MHz CW transceiver.
Built 8/99, working perfect, no modification.

I am selling this radio for \$100 plus shipping.
Please send email to: danke@scientist.com

Thank you for reading my post.

Yasutaka Hirasawa
KV4D

Date: 5 Oct 1999 22:01:28 LOC
From: <SFIKE@twa.com>
To: <qrp-1@lehigh.edu>
Subject: [52333] TenTec Argosy II 525D
Message-ID: <19991005.220128.SFIKE@twa.com>

Just wanting to get some feedback from anyone who owns or has owned a Ten Tec Argosy II 525D (D=Digital readout) rig. Just wondering how you like/liked the rig and how its overall performance and features were/are. Any information you could provide would be appreciated!

And for those that don't know, yes, it is a QRP qualified rig, it has a factory power switch for 5 or 50 watts! And they're from circa 1981-82 vintage.

I'm thinking I might like to track down a used one... as long as they're not dogs!

Thanks,

72

Scott

Date: Tue, 05 Oct 1999 22:06:06 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52334] Re: 80m Fox?
Message-ID: <00fe01bf0fa7\$cf9a1540\$8e37a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

My question was answered by K5NZ himself... "Tonight was a warm up for the Fox Hunts that start later this month."

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

Date: Tue, 5 Oct 1999 23:07:40 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-1@lehigh.edu>
Subject: [52335] FOXHUNT!!! Schedule Announcement!!!
Message-ID: <Pine.OSF.3.95.991005225616.5718A-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Ahhhh... finally the post you have been waiting for! I can hardly contain myself :-)

The 1999/2000 Foxhunt Schedule is available on the Official QRP-L Foxhunt website: <<http://www.acs.oakland.edu/~prvalko/foxhunt.htm>>

Again that's...

<http://www.acs.oakland.edu/~prvalko/foxhunt.htm>

I put it in twice because some of you will be able to simply click on one of those links and be magically whisked away to it. I will post a TEXT version to QRP-L, hopefully sometime tomorrow.

The Foxhunt starts October 26th at 0000 with the bugle call sounding for K10J in Texas. All the details are on the website and in the archives.

Now that it's officially posted, the lucky foxii may post comments to QRP-L and taunt all you hounds. They have been good kids so far and kept their little fox lips zipped about the whole process. I'm quite proud of them :-)

All you webmasters are welcome to grab the Foxhunt banner from my MAIN website and post it as well as a link on your own site. ALL the FASHIONABLE QRP website will have a link to the foxhunt.

The HUNT IS ON!!!

momma fox

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 06 Oct 1999 03:13:59 +0000
From: Hal Maney <hmaney@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52336] Re: Ribbon Cable ladder line!!
Message-ID: <37FABE77.386545CE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Has anybody considered cutting windows in 300-ohm TV lead? Seems to me that the end result would be superior to hacked ribbon cable. Probably not as flexible, though, if flexibility is important.

--

Hal Maney, K1HM
maney@ieee.org

Date: Tue, 5 Oct 1999 19:38:31 -0700
From: Dan Presley <talljazz@teleport.com>
To: qrp-l@LeHigh.edu
Subject: [52337] FS/trade
Message-ID: <v03007801b42065ed4cff@[216.26.4.208]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For Sale or trade-SW 40 "Elmer 101" rig w/ 'factory' enclosure;assembled and working with unbuilt RIT kit--\$90 plus shipping. Will trade for a antenna analyzer (newer Autek or MFJ), or a 'fancy' keyer with memories,serial #, etc of comparable value.

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Tue, 5 Oct 1999 20:48:34 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [52338] Spartan Sprint Report from KI6DS
Message-ID: <01bf0fad\$aa795360\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is the log.

Rig: NC20, @ 5 Watts
PS: Astron 12V
ANT: NorCal Doublet at 30 Ft.
Tuner: ZM-2

Paddles: Long Island Mercury

Location: Back Patio of my house.

Stations worked:

W9UQB 599 AZ 5W
KD5CMN 559 TX 5W
AF5Z 579 TX 5W
W5JHW 599 AZ 1W
NW7DX 559 WA 5W
K1VP 559 NH 1W
KQ0I 559 IA 5W
VE6EWM 579 AB 3W
AA7LE 599 OR 5W

That's 37 Qso's & 24 S/P/C's in less than two hours. Wow was it ever fun.
The NorCal Doublet/NC20 combo is working fb. See you in the next one. 72,
Doug

WD8KQY 579 OH 5W
N5IB 549 LA 2W
KI0II 569 CO 5W
K0QD 599 CO 1W
AA1MY 549 NY 1W
AA2VX 559 NY 3W
WB5QYT 559 NM 2W (Railroad Mobile, what a toot)
AA5EA 559 TX 4W
KE5TC 559 OK 2W
W7SNV 599 WA 2W
N3LAZ 569 PA 5W
W3BB0 549 PA 2W
W3KC 459 MD 5W
N8NRG 559 MI 5W
VE3JC 559 ON 5W
N4SO 559 AL 5W
W8SFF 589 MI 5W
N0RC 579 CO 5W
K3NY 449 MD 5W
KH6B 579 HI 5W
K0EVZ 569 ND 1W
K5LN 559 TX 5W
VA3UX 559 ONT 5W
AE4IC 589 NC 5W
W2JSF 559 NJ 100W
K1QM 449 MA 5W
K5NZ 559 TX 3W
AL7FS 579 AK 5W

Date: Tue, 05 Oct 1999 23:43:02 -0400
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52339] Fox: Groundhog's hole
Message-ID: <37FAC546.CEA00B01@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue,

(I hope I remembered the proper filter identifier for the foxhunts).

I'll take over the groundhog's hole at 0100z on February 2. Time subject to change dependant upon the moon's phase (shadow casting), availability of field mice and other factors to be determined later.

I sure hope I don't hear anyone trying to drop his call into the pileup twice in one howling. Let's keep it fun for all.

<http://home.rica.net/phelbert> Check it out that's my son Eli, KC4UZG, and my first website.

Paul, Wv3j

Date: Tue, 5 Oct 1999 23:51:52 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [52340] October Sprint Report
Message-ID: <199910052356_MC2-87C6-4DD0@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Thanks for everyone who dropped by last evening during the Sprint :-). Made the mistake of using a brand new (to me) rig during a contest. Oh well. But the setup worked well, and the final total was 48 QSOs, all on 20 Metres.

The rig was a DSW-20 at 975 mw out to a cheapo hamfest special G5RV at 30' in the centre. Used a KANGA collapsible mast to support it, and an ancient 949-B tuner.

Will happily QSL all who need ND for WAS. It will be helpful if you include a return envelope. Thanks.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

70511.3041@compuserve.com

Date: Tue, 5 Oct 1999 22:57:52 -0500

From: "Dan W. Dooley" <dandooley@pipeline.com>

To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [52341] Re: Static...a few facts to think on.

Message-ID: <005d01bf0fae\$fbf31040\$05987b7b@css0048>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

In all of my years working in the electronics industry (medical devices), I've had to undergo frequent ESD protection "training". Although I realize the potential for static damage in certain kinds of very sensitive circuitry, the "scare tactic" horror stories these training manuals/videos present would make me want to avoid even breathing on some of the circuits and boards without being wired up like I was testing for participation in the space program. My response has been "come on, people, give me a break!" I don't believe I've truly ever seen a static damaged device - other than the show-and-tell of the ESD training material.

I believe in good common sense and prudent bench practices, but are we getting a little carried away with the paranoid approach to technology. Ever look at some of the current ham license tests? A disproportionate number of the questions are dealing with radiation exposure issues. What happened to technical and radio operational knowledge requirements.

Ooops! Sorry for the soapbox...

Dan WB5TKA

-----Original Message-----

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, October 05, 1999 4:39 PM
Subject: Re: Static...a few facts to think on.

>On Tue, 5 Oct 1999, James Owen wrote:

>
>> However, we're getting too upset by the static possiblity. Most of us
>> that build are not using any devices that will be damaged by normal
>> handling. The Tuna Tin II doesn't have anything easily damaged, nor do
>> most of the current kits. Of course you don't want to pickup a 2n2222
>> hold one lead in your hand, walk across the room and discharge yourself
>> through one of the other leads. The only devices that most of us use
>> that require a little caution are CMOS chips and the IG (insulated gate)
>> FET's. If you do a lot of work with them get a static mat and use a
>> wrist strap to ground yourself to the mat. However in 30+ years of
>> handling them, many times without any mat or grounding I don't know of
>> ANY I have blown.
>

Date: Tue, 5 Oct 1999 23:17:24 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <JBurnley@ifmc.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52342] Re: Recommendations for 10 meter mag mount
Message-ID: <000201bf0fb2\$b6fb96c0\$05987b7b@css0048>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My warning for mag mounts. Make sure your car's metal will support it!
Until recently I had a late model Ford Taurus. I attempted to use two
different mag mounts (with a Hustler) on it for HF work. Both blew off the
roof at highway speeds destroying both. Fortunately the Hustler mast and
resonator survived. I could support small base loaded 6 meter and 2 meter
Larsons mag mounts though.

It looks like some of the new cars are using more alloys which have less
magnetic holding power. The trunk lid of the Taurus must have been made of
aluminum or something completely non-magnetic. It would not support the
smallest magnet. I'll bet this is going to be more of the norm in the
future.

I solved the problem by fastening a bracket into the trunk groove. Worked great! Even supported the big coffee can (Uh.. 40 meter high power resonator) up on top at high highway speeds.

Dan WB5TKA

-----Original Message-----

From: John Burnley <JBurnley@ifmc.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, October 05, 1999 9:11 AM
Subject: Recommendations for 10 meter mag mount

I had a Radio Shack CB antenna cut for 10 meters and it just did not cut the mustard. Limited use and now looks like the coil is shorted or broken. Can anyone recommend a good 10 meter mag mount that is pretty durable? I've had Larsen and Antennx (sp?) mentioned but do not have any experience with either. Any comments appreciated. Please respond to me privately to keep list traffic down to a minimum. Thanks much in advance!

72, John NU0V

Date: Tue, 5 Oct 1999 23:21:46 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <zapzap73@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52343] Re: Sawmill
Message-ID: <000301bf0fb2\$b7b43860\$05987b7b@css0048>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Whoo boy! I thought that noise was caused by one of my computers or something within my house or neighborhood. Guess not.

Am I relieved that it's not my stuff, or... guess not...

Dan WB5TKA

-----Original Message-----

From: Bill Todd <zapzap73@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, October 05, 1999 10:07 AM
Subject: Re: Sawmill

>>Subject: Sawmill
>>Date: Mon, 04 Oct 1999 22:57:00 -0400
>>
>>Has a sawmill been installed on 7040?
>>73 Pete NV4V
>
>Hi Pete -
>
>Wow - I heard that sawmill noise last night too, up here in NW Washington
>state. My digital readout said that the noise was centered about 7038-39,
>but I could still pull out CW stations in the middle of the noise. When I
>moved up to about 7041, I could not longer hear it.
>
>C U - Bill-N7MFB/7
>Port Angeles, WA
>
>
>-----
>Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 5 Oct 1999 21:35:13 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [52344] Fox Hunt Preamble Report from KI6DS
Message-ID: <01bf0fb4\$2ef807c0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Only worked about an hour and a half, have to get the compendium done, but I just couldn't resist it again tonight. Here is the log:

WA7LNW 579 Utah, Jack
K0EVZ 559 Doc in North Dakota
K7MPH 599 Mark in Oregon
AJ4C 559 Paul in Florida
N4SO 559 Ken in Alabama
N0MF 439 Mike in Iowa
AB7MY 599 Gary in Arizona

NV4V 339 Pete in Kentucky
KC7EAY Tim in Washington
KD5CMN Mike in Texas
KI0II Ron in Colorado
K1QM Joel in Massachusetts
KU4AF 559 John in North Carolina
K4NK 339 Les in South Carolina, but it was just a whisper. Les is a great operator!!
W5USU 559 Bill in Texas
KG2OK 439 Bob in NY
N4UY 559 Jake in Virginia, another good set of ears. Very very weak but he made it.
W5TB 559 Doc Drake in Texas
K7MPH 599 Mark in Oregon, again.
KB9IAU 559 Kevin in Illinois
WE6W 569 Ed in California (yes the NorCal Doublet tunes up and works on 40!!)

Just as soon as I finish the 100 Qso antenna test with the NorCal Doublet cut for 16.5' per leg, I'm gonna build a version that is 26 ft. per leg ala Rich Arland. Don't know what feed line I will use, but will probably do it first with 2 conductor ribbon line.

The NorCal Doublet now has 74 QSO's, 37 States, 3 Countries, and 3 Provinces. I am pleased with it so far. 72, Doug, KI6DS

Date: Tue, 5 Oct 1999 21:50:45 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [52345] Re: Tuna Tin 2 pi output ckt
Message-ID: <008801bf0fb6\$5b06cca0\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Very interesting discussion. I think the cure is simpler than building a 5 pole output filter though. I noted, when I had built my TT2 "stock", that it had all sorts of horrible things going on at the collector of the output transistor - like TWO pulses for each half sine wave for two periods of the 7MHz, then nothing on the next, then repeat. This, plus all sorts of real sharp spikes as well. Horrible indeed. The double pulse could well explain the high 2nd harmonic that some are seeing. The output waveform at the antenna was nothing like a sinewave.

I ascertained the problem to be much too high an inductance for the output transformer primary. I replaced the transformer with a transmission line transformer using 6 bifilar turns on the same core (FT37-43) transmission line transformer (see my modified schematic at <http://www.redhotradio.com/MRX40TT2.html>)

This cleaned up the output nicely. Now, there is only ONE nice clean half sine wave pulse per period at the collector. I get more output at 7MHz (about 650mW now) and it looks fairly sinusoidal on the 'scope. I'll take it into work and put it on the serious \$\$ spectrum analyzer tomorrow and let y'all know what it looks like.

BTW, I'm looking for a decent used spectrum analyzer for myself. Anyone know of one going begging in the SF Bay Area/San Jose cheap(ish)? Either a whole nice machine up to about \$5K or an HP 8554B plug-in for the 141T system would be useful to me.

Cheers es 72,
Dave Fifield, AD6A

Date: Tue, 5 Oct 1999 16:16:10 +0200
From: "Juan Jose Pastor Estornell" <juanjope@ctv.es>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [52346] RV: 10M
Message-ID: <000301bf0fbb\$5fa4cc80\$d68f19d4@juanjopectv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear list friends,

I plan to be calling in 28.110 +-QRM at 1500z (and will be there for an hour probably) everyday. The fall season has begun raising some stateside QSOs for my log ... how are the sunspots behaving this week?. If this is happening with a 120 flux, I am really looking forward to the 200+ fux bursts And if you fail to work me but you do copy my CQs, I really would be grateful of receiving reports in ec5aca@qsl.net . Best DX to you all!

73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

>

> Which are the better hours for contacts between the states and Europe? (I
> suppose there is a good opening by then ...). I am just fed up with loads of DL
> in 28.110 (I cannot transmit under 28.100 legally with my novice class station.

>By the way, is there any diplom like "worked all lander" or so to resurrect my
>interest in working tons of DL stations - I am only content to answer when the
>DL/DF/DJ sign /QRP, hi hi -?). This summer has been truly awful, it was much
>better during winter, I even worked Scott W4PJ in FL on 29-12-98 (date written
>the european way). So please send me some hints about when to call CQ DX (you
>americans from VE to LU are all DX fer my toy EU pistol) in UTC if possible ...
>. Also interested in the same for 21.060 in 15 meters (I cannot transmit under
>21.050 till I get a "recycled" EA5 callsign, our wicked PTT department is not
>issuing new callsigns but reissuing those of hams who let their ticket expire
or
>went SK. I understand that Spain has not so many prefixes assigned as other
>countries, but I would rather like to see the EA5ZZZ issued before recycling
>those of SK and ex-hams).
>
>TECH. OB.: My CV15 21 MHz DC transceiver is swamped. The receiver went deaf, I
>am thinking about adding an audio preamp stage between the mixer and the audio
>final (NE602 and LM386). The transmitter keeps on pulling the frequency 5 KHz
>down in spite of all efforts on buffering the VFO output to isolate it and
>filtering the supply to it. Will have it on the shack table this winter
>But good news: my new SW40+ is getting me a new (european) country every time I
>switch it on ... It works like a champ with only 1.8 Watts (its output was 2.13
>Watts but I fried the final - problems with the key jack, it was keyed for
>hours... - and had to replace it with a 2SC1969 from my box ... seems to me
that
>its output is cleaner and smoother but lower now). I will recommend the SW40+
to
>anybody wanting an operating rig with minimal pocket pains (both cash and
size).
>It even wins over the harsh european night conditions succeeding to raise new
>QSOs ...
>
>73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Date: Wed, 06 Oct 1999 01:50:32 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [52347] The static thing
Message-ID: <3.0.32.19991006015024.007195ec@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear Gang,
I remember reading a Repair memo from H-P a few years ago that said
an ESD fault in a component might make it through QA and go out the

door only to fail later.. For one thing the passivation is nada.
They had some of those close up shots of traces and they look like
a bomb crater. It's Real!!!
One old trick is to up the humidity in the shop by boiling some
water on the stove but be careful and keep track of all processes.
A red hot stove burner is a real hazard!!!!
73 Pete NV4V

Date: Tue, 5 Oct 1999 23:45:46 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52348] Re: FOXHUNT!!! Schedule Announcement!!!
Message-ID: <Pine.GS0.4.10.9910052344200.27500-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wheeeeeeeee,

The Fox Hunt is about to start.

One thing.....

Paul has done a lot of work getting this all put together.

I'd like to thank him!

Without Mamma Fox there would be no Hunt!

Thanks Paul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 6 Oct 1999 00:33:52 -0700
From: "Kevin Asato" <kevin.k.asato@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [52349] Re: Recommendations for 10 meter mag mount
Message-ID: <005501bf0fcd\$24592ec0\$ad57480c@default>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've used Wilson 1000 and a Firestik Fiberglass antennas for quite a while (from my CB days). Antennas are quite broadbanded but I would hardly recommend either as a candidate for mag mounting - they are just too stiff and would rip the mount off the roof when striking low obstacles such as trees and parking garages.

In general, I would consider either drilling a hole or trunk-lip mounting 10 Meter antennas.

Kevin K Asato
KC6POB
Customer Service Engineer
PairGain Technologies
800.638.0031 (tech support)
888.769.4765 (pager)

-----Original Message-----

From: John Burnley <JBurnley@ifmc.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, October 05, 1999 7:11 AM
Subject: Recommendations for 10 meter mag mount

I had a Radio Shack CB antenna cut for 10 meters and it just did not cut the mustard. Limited use and now looks like the coil is shorted or broken. Can anyone recommend a good 10 meter mag mount that is pretty durable? I've had Larsen and Antennx (sp?) mentioned but do not have any experience with either. Any comments appreciated. Please respond to me privately to keep list traffic down to a minimum. Thanks much in advance!

72, John NU0V

Date: Tue, 05 Oct 1999 20:17:39 +1000
From: Daniel Bartlett <ausham@rocknet.net.au>
To: qrp-l@lehigh.edu
Subject: [52350] Re:CB Conversions
Message-ID: <3.0.5.32.19991005201739.00816ec0@rocknet.net.au>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Talking about CBers etc. and their "legality" issues,
It's a wonder why CBers haven't gone for the little dual-bander (2m / 70cm)
radios that cost around AUS\$300 for a small, low-power (QRP!!) version.
These little rigs also have wide-freq. coverage rx's built in (ie 100kHz -
999MHz)

Compared to the price of a UHF CB (about the same price), or a dedicated
handheld scanner (AUS\$600+), I can certainly see a little bit of "illegal
temptation" happening here...

(I mean, why by a \$600 scanner, when you can by a tx + rx for \$300? The
radio stores here will happily sell them too you - just to make the sale!)

Dan

73 es 72 de Daniel Bartlett, VK4HDB

<http://www.qsl.net/vk4hdb/index.htm>

ausham@rocknet.net.au

Founder of ARPR Australia - <http://arpr.8m.com>

1 Goodson Rd, Bouldercombe, Queensland 4702, AUSTRALIA

+61 07 4934 0389

QRP-L #2002

Date: Wed, 06 Oct 1999 18:30:59 +1000

From: Daniel Bartlett <ausham@rocknet.net.au>

To: qrp-l@lehigh.edu

Subject: [52351] ARPR Australia

Message-ID: <3.0.5.32.19991006183059.00824040@rocknet.net.au>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

G'day All,

ARPR Australia, an organisation dedicated to promoting Amateur Radio and
its endeavours, within Australia and around the globe, now has a website.
Please visit it at <http://arpr.8m.com>, and find out how YOU can promote
this great hobby of ours. Maybe you can even submit some ideas of your own!?

Dan

73 es 72 de Daniel Bartlett, VK4HDB

<http://www.qsl.net/vk4hdb/index.htm>

ausham@rocknet.net.au

Founder of ARPR Australia - <http://arpr.8m.com>

1 Goodson Rd, Bouldercombe, Queensland 4702, AUSTRALIA

+61 07 4934 0389

QRP-L #2002

Date: Wed, 06 Oct 1999 09:31:42 -0400
From: Bill Meara <n2cqr@erols.com>
To: james.owen@nist.gov, qrp-1@Lehigh.EDU
Subject: [52352] Re: Static...a few facts to think on.
Message-ID: <199910060933.FAA29781@smtp4.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dave: One dry winter day I was listening to my Radio Shack DX-390 SW receiver while folding clothes recently pulled from the dryer. Suddenly the trusty DX-390 stopped working. Looked like the problem was in the front end. Sure enough, when I opened it up and replaced the junction FET RF amp, it returned to life. Static kills!

73 de N2CQR
Bill Meara, Falls Church, Virginia
n2cqr@erols.com
<http://www.erols.com/wmeara>

Date: Wed, 6 Oct 1999 07:21:41 -0400
From: "Christopher Cox" <cobox@urec.net>
To: <ausham@rocknet.net.au>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52353] Re:CB Conversions
Message-ID: <19991006111451687.AAA192@charlie.logan.net@cbx-nt>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Because the CBer of yesteryear is the HAM of today. What is left is a person who has problems programming a VCR, much less a HT. For instance, there are quite a few HAM truckers in this vicinity.

Regards

Christopher Cox
KC8FRJ

> From: Daniel Bartlett <ausham@rocknet.net.au>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re:CB Conversions
> Date: Tuesday, October 05, 1999 6:17 AM

>
> Talking about CBers etc. and their "legality" issues,
> It's a wonder why CBers haven't gone for the little dual-bander (2m /
70cm)
> radios that cost around AUS\$300 for a small, low-power (QRP!!) version.
> These little rigs also have wide-freq. coverage rx's built in (ie 100kHz
-
> 999MHz)
> Compared to the price of a UHF CB (about the same price), or a dedicated
> handheld scanner (AUS\$600+), I can certainly see a little bit of "illegal
> temptation" happening here...
> (I mean, why by a \$600 scanner, when you can by a tx + rx for \$300? The
> radio stores here will happily sell them too you - just to make the
sale!)

>
> Dan
> 73 es 72 de Daniel Bartlett, VK4HDB
> <http://www.qsl.net/vk4hdb/index.htm>
> ausham@rocknet.net.au
> Founder of ARPR Australia - <http://arpr.8m.com>
> 1 Goodson Rd, Bouldercombe, Queensland 4702, AUSTRALIA
> +61 07 4934 0389
> QRP-L #2002

Date: Tue, 05 Oct 1999 07:06:57 +0100
From: KQ5U <kq5u@flash.net>
To: Post to List QRP-L <qrp-l@Lehigh.edu>
Subject: [52354] FS: 15M & QF-1A
Message-ID: <37F99581.5BF661BF@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have been cleaning the shack, since the arrival of the K2 and have the following items for sale.

OHR-100 This is a rare 15 meter rig CW that tunes about 65 Khz. of the band. You can select the part of the band you want to use (just adjust the coil as per the manual instructions) (no mods) and I have the manual for it. The rig is clean (looks new) and works well. Price is \$95

Autek QF-1A This is a very good audio filter for SSB and CW with feature like low pass, high pass, notch, peak and stop band. Four knobs

to set it the way you want it. Requires 120v, but I think that can be changed. An old goodie with no mods. Price \$55

These prices include shipping to the old 48 states (extra elsewhere).
Please respond directly.

Terry, KQ5U
Spring, TX 77373 NR Houston

Date: Wed, 06 Oct 1999 07:16:50 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [52355] Sawmill Stuff
Message-ID: <005401bf0ff4\$f8532a60\$6e37a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I've yet to hear this "sawmill" in north Texas but I am interested. There have been a lot of strange HF transmissions lately within the amateur bands. Maybe someone could answer the following questions for me:

1. What are the exact frequency ranges at which it occurs?
2. At what times are the transmissions heard?
2. How were local source possibilities eliminated?
3. What are the skywave fading characteristics that are inherent in all non-local HF transmissions?

Thanks.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Wed, 6 Oct 1999 08:25:50 -0400
From: wd4et@juno.com
To: qrp-l@Lehigh.EDU
Subject: [52356] Swamp Fox
Message-ID: <19991006.082935.-223885.0.wd4et@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

I'll be as nervous as a fox!

I'm in a new house here in Jacksonville, FL. Though it's in a restricted neighborhood, I picked it out for sly fox propagation. The back yard has numerous nature made antenna supports. The property is on a large body of salt marsh. In my youth, we called that stuff "swamp". Hence the name Swamp Fox. The marsh and adjoining St. Johns river should enhance propagation to the north and west. Throughout the early fox season, I intend to prune n' tune a dipole and a horizontal loop. By my scheduled release on March 14th, I should be ready to radiate Sun N' Fun.

Catch the Swamp Fox if you can!

73, Jeff WD4ET

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 6 Oct 1999 08:51:09 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <cobox@urec.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52357] Re:CB Conversions
Message-ID: <007d01bf0ff9\$f4374740\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Because the CBer of yesteryear is the HAM of today. What is left is a
> person who has problems programming a VCR, much less a HT. For
instance,
> there are quite a few HAM truckers in this vicinity.
>
> Christopher Cox
> KC8FRJ

Please don't feel so high and mighty. The CBer of yesteryear that wanted to improve himself is the HAM of today. The CBer's of today that want to improve themselves are the potential HAM of tomorrow.

The attitude that all CBer's are toads just points out that there are bigoted toads in HAM radio today. Just as there were yesterday, and just as there probably will be tomorrow.

The key is to present a positive attitude with welcoming arms to ANYONE who wants to become a HAM, not look down on them because they started simple.

As to truckers, they make up a surprising contingent of the HAM community. But they aren't very vocal at all about being HAMs. Could it be they are afraid of attitudes about CBers and truckers?

Maybe it's just one more aspect of our own house we have to get into order....

Mike Yetsko
N1DVJ

Date: Wed, 6 Oct 1999 07:58:15 -0500
From: "Faith III, Don C" <FaithD@mail01.dnr.state.wi.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [52358] Large RS clock
Message-ID: <54F85D7F6DE2D01184EF0000F804953501319A26@MAIL04>
MIME-Version: 1.0
Content-Type: text/plain

Wanted to flag people that Radio Shack's LARGE lcd display wall clock is on sale this month for \$40 (reg. \$50). It has a large time display (top line) and a smaller display below showing the date, day and temperature. I've had my eye on it for a couple months waiting for it to go on sale and picked one up yesterday. It runs using a couple AAA batteries.

Though this is not one of the ones synchronized with WWV, it does allow use of a 24 hour format and can be set for whatever time zone you wish (i.e. UTC). My observation is that most (if not all) of the RS synchronized clocks are limited to displaying the local US time. I just got it so I don't know its precision on the long haul.

No connections with RS.

73 (es 72) de N9WR, Don C. Faith III

Date: Wed, 06 Oct 1999 08:50:19 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>

To: qrp-1 <qrp-1@lehigh.edu>
Subject: [52359] Re: Static...a few facts to think on.
Message-ID: <37FB458B.67EE52D6@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Bill Meara wrote:

>
> Dave: One dry winter day I was listening to my Radio Shack DX-390 SW
> receiver while folding clothes recently pulled from the dryer. Suddenly the
> trusty DX-390 stopped working. Looked like the problem was in the front
> end. Sure enough, when I opened it up and replaced the junction FET RF amp,
> it returned to life. Static kills!

Bill,

DX-390? Is that the one built by Sangean? (Black case, big LC display,
tuning knob on the right side) If it is, ANYTHING will kill that
front-end JFET. I must have replaced a dozen in the 3 years I worked in
a radio shop. (FWIW, the MPF102 from Shack is a decent replacement for
that one.)

Dave

--
Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Wed, 06 Oct 1999 08:58:48 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [52360] Re: Static...a few facts to think on.
Message-ID: <37FB4788.2A76C0B4@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

"Dan W. Dooley" wrote:

>
> In all of my years working in the electronics industry (medical devices),
> I've had to undergo frequent ESD protection "training". Although I realize
> the potential for static damage in certain kinds of very sensitive
> circuitry, the "scare tactic" horror stories these training manuals/videos
> present would make me want to avoid even breathing on some of the circuits

> and boards without being wired up like I was testing for participation in
> the space program. My response has been "come on, people, give me a break!"
> I don't believe I've truly ever seen a static damaged device - other than
> the show-and-tell of the ESD training material.

Dan,

I've seen a couple, but considering the business I'm in it's not unusual.

We make a power meter (3-phase utility meter, microprocessor controlled, lots of CMOS logic) that gets installed in the darndest places - substations, power plants, transmission towers, all kind of lightning magnets. We got a call from one customer who was ordering a replacement for a meter that was on a substation support structure that took a direct hit. We told him we'd give him a new meter for free if he'd send us the damaged one. We wanted to see what failed.

Turns out the bolt current came down the tower leg, in through the ground tabs on the back of the meter, across the innermost circuit board (where the internal transformers live), out through the metal RF shield, through the polycarbonate cover, and arced over to another grounded support. Pretty well vaporized most of the inner PCB and shattered the base, and smoked up the rest of the boards. The MOVs we use for surge defense were nowhere to be found.

We removed the remains of the base and transformer board, installed the rest of it on a new base/transformer assembly, and applied power. It ran, and it still had data in it from before the hit.

So, CMOS isn't the only thing that can be damaged by static - and it isn't ALWAYS damaged, either. But it doesn't hurt to take simple precautions.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Wed, 06 Oct 1999 08:40:38 -0500
From: "Brad Bradfield, PE" <b_bradfield@yahoo.com>
To: dandoooley@pipeline.com, qrp-1@lehigh.edu
Subject: [52361] Re: Sawmill
Message-ID: <37FB5153.CE13159F@yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was watching the DX Cluster last night for a bit, and saw several posts for the "BUZZSAW" listed, all appearing to be at or around 3500 kHz. Don't know if this is related to what y'all have been hearing around 7040 or not.

72's es 73's,

Brad, W5CGH

Date: Wed, 6 Oct 1999 15:07:55 +0200
From: DL2FI@t-online.de (Peter Zenker)
To: "QRP-L via PoP3" <qrp-l@lehigh.edu>
Subject: [52362] Help needed MFJ-9020
Message-ID: <000101bf0ffb\$cdc65b80\$6ba19ec1@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello fellow QRPers,

a friend asked him to repair his MFJ 9020. He says it is too noisy. I cannot compare because I never before had a 9020, but compared with the NorCal40 or the SW40+ or the GQ40 the hiss is terrible loud.

Does anyone know a Mod to this ??

72 de Peter, DL2FI

Attention: Please use my new mail account:
Achtung: Bitte neue e-mail adresse benutzen:

DL2FI@t-online.de

Date: Wed, 06 Oct 1999 09:21:16 -0400

From: Paul Womble <pwomble1@tampabay.rr.com>
To: wd4et@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52363] Re: Swamp Fox
Message-ID: <37FB4CCC.B4E5D2DE@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Swamp RATS will be after the Swamp Fox!!!

73
Paul AJ4Y

--
Lakeland Amateur Radio Club:
<http://www.qsl.net/k4lk1>
Polk County Chapter American Red Cross:
<http://www.redcross.org/fl/polkcounty>
AJ4Y info page:
<http://www.qsl.net/aj4y>

Date: Wed, 6 Oct 1999 08:30:56 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [52364] If you're building the Poor Man's Paddle.....
Message-ID: <006b01bf0fff\$080844e0\$f0a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I hadn't built one of my Poor Man's Paddles for some time, but right after promoting them on QRP-L I built another one. I had trouble adjusting it without using pliers and thought the adjustment wire was too stiff, so began putting a note about it in with the kits. Now I've discovered the real problem . . . I hadn't followed my own instructions! I'd soldered the wire across the front, although the picture that "I" drew only shows it soldered in the middle. Duh! So if you follow the original picture and only solder it in the middle you should get along fine.

BTW I'm getting a lot of emails asking if I have any left. I plan to always keep some material on hand so if you want one, send a business size SASE

with two stamps and two bucks (\$4 with your name & address for DX) and I'll get one out to you.

Denny Payton, N9JXY
1305 Kiblinger Place
Auburn, IN 46706

Date: Wed, 6 Oct 1999 09:58:26 EDT
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [52365] AR-QRP 40m Net Tonight
Message-ID: <0.19f1126b.252caf82@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0030Z (7:30 CDT) at 7.042 MHz. Bob, AB5ZD is NCS and will be calling "QST AR QRP NET de NQ5RP PSE QNI". At that time, please send your full call (or a letter!). When I copy you, I will return your call and AS (stand by) while more call in. When I have everyone's call, I will start at the top and go down the list for reports and comments. If you are building a rig or trying a new antenna, tell us about it! Everyone is interested in your power, so be certain to send that! However, try to keep it short, particularly if there are a lot of QNIs on the list. This is a fun and informal net, and is a low hassle way to learn how to check into a net. You don't need to be a member of the AR-QRP Club to check in. Don't feel comfortable checking in? Just "copy the mail" and improve your CW skills! We welcome volunteer NCSs and new check-ins!

72,

Bob AB5ZD

Date: Wed, 06 Oct 1999 09:01:52 -0500
From: "Harley L. Miller" <hmliller@sound.net>
To: qrp-1@lehigh.edu
Subject: [52366] Re: SD-20 pole for SLV
Message-ID: <37FB5650.7056@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

An email to the South Bend company returned a source for the SD-20:

=====

You can order direct from the following mail order company:

National Sports Supply

P.O. Box 14

Random Lake, WI 53075

920-994-9218

877-423-3474

=====

Harley WB0ROQ

Date: Wed, 6 Oct 1999 09:03:55 -0500

From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

To: <erics@elecraft.com>

Cc: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [52367] RE: Bigger Antenna for the Atomic Clocks?

Message-ID: <000001bf1003\$a1c87b00\$ef5d6f81@uthscsa.edu>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I remember increasing the gain of my ferrite loop AM antenna when I was AM DXing by wrapping a few turns of #22 wire around the bare end of the rod and then running a 50' length outside. Try this.

Kevin, WB5RUE

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Eric Swartz WA6HHQ - Elecraft

> Sent: Tuesday, October 05, 1999 5:22 PM

> To: Low Power Amateur Radio Discussion

> Subject: Bigger Antenna for the Atomic Clocks?

>

>

> Hi,

>

> I purchased a couple of the Atomic clocks from Rod, N0RC and

> have been pretty

> happy with their performance.

>

> Out here on the left coast the signal from WWVB is not so
> strong. My Atomic
> Clocks can sync if I put them outside the house, but they
> fail inside. (Of
> course my shack is at ground level down the side of a
> hill...) And to top it
> off, when one of the clocks is set to GMT it tries to sync
> with WWVB at 0000Z
> (5 PM PDT). Not the best time for VLF propagation.
>
> So that brings a question to mind. Why not put up a wire RX
> antenna to extend
> the range of the clocks receiver? A simple one might be a
> length of wire (say
> 50 - 100') with one end wrapped around the clock's ferrite
> antenna. A more
> advanced one could be matched with a simple LC circuit and
> possibly amplified
> with a tuned pre-amp. That way I could run the clocks inside
> the shack all the
> time.
>
> Anyone tried this? I think I'm about to.
>
> 72, Eric WA6HHQ
>

Date: Wed, 06 Oct 1999 08:55:23 -0600
From: Steve Kubisch <WW7Y@sisna.com>
To: qrp-l@lehigh.edu
Subject: [52368] Another Antenna Support
Message-ID: <37FB62DB.4213A03@sisna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Yesterday I found a collapsable 20' fiberglass pole called the "Grabbit". This is used for pulling wire under computer floors or over high objects. It has 5 - 4' sections that collapse into each other. It has a built in hook on the end for snagging stuff or in our case hanging things from. The base screws off so a dowel with a spike inserted could be fit to the end, like the one used on the SLV. This thing is about twice as heavy and stiff as the SD-20 fishing pole used on

the SLV so should support a dipole and feedline without sagging. These are pretty pricey compared to a SD-20.

But now for the good news, I found one at a SLC surplus/freight damage place for \$8. I guarded it with my life till I got out the door.

If any of you have a surplus/damage outlet in your area, check it out.

It's like the worlds biggest dumpster, the size of a warehouse.

The one in Salt Lake it called NPS and it's address is 1836 So. Fremont Rd. It's a great Ham hangout and how I kill my lunch hour about once a week.

73,

--

Steve Kubisch -WW7Y-

640 East 250 North

Centerville, Utah 84014

WW7Y@sisna.com

QRP-ARCI #8559 NorCal #258 QRP-L #94

Date: Wed, 6 Oct 1999 10:57:41 -0400

From: "Richard Hensel" <rrhensel@sprintmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [52369] RE: Sawmill

Message-ID: <000101bf100b\$238e3470\$0317e590@nosrrhensel>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

FWIW

I have an article around somewhere that explains what those sawmill noises are.

They are actually multiplexed narrow band rtty signals referred to as "Buzz Saw" in the article. It also gives pointers on how to decode them and the channels and bandwidth for the "standard" multiplexing conventions. I have had some luck decoding these things in the past. However it does require narrow filters in the 50-100 Hz range. I use a Timewave DSP audio filter behind a narrow IF filter to get the required selectivity. If there is interest I'll see if I can find the article.

Richard Hensel

SPRINT

rrhensel@sprintmail.com
n8wlc@arrl.net

When you have a hammer in your hand ...
The whole world looks like a nail.

--

Date: Wed, 06 Oct 1999 10:00:56 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [52370] October HQRP Meeting
Message-ID: <4.1.19991006100038.00a58aa0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPers,

This Saturday, October 9th will be the next meeting of the Houston QRP Club. This month, we are meeting on the second Saturday of the month because of other events happening on the 16th.

Also, this month's meeting will be held "in-the-field". We will be meeting in the Picnic Loop of Memorial Park. This is a good opportunity to bring out that portable setup you've been putting together but haven't had a chance to test out.

Bring the kids and even your spouse! The weather should be great and the family can do all kinds of non-radio things while you play with us! We meet at 9am and around 11am we will fire up a couple of grills. Bring whatever you want to have for lunch.

This should be a lot of fun for the whole family. Bring the bikes, frisbees and roller blades. Visitors are always welcome and aren't visitors for long. If you are going to be in Houston that weekend, stop by. We would love to have you.

Directions:

Memorial Park in Houston is just north of the Galleria area. On your map, find the intersection of US Highway 59 South and the 610 Loop. Just north of that about 2 miles is Memorial Park. Proceed East from the 610 loop on either Memorial Dr. or Woodway (which merges into Memorial Drive). Just past the merge proceed south on Picnic Loop and start looking for the strange bunch of folks stringing antennas in the trees with very long fishing poles. We will also have a radio on the 146.700 (-) repeater if you get lost. We'll also try to have a radio on 28.400 USB.

See you there.
Ed Manuel, N5EM
Houston QRP Club

Date: Wed, 06 Oct 1999 08:41:52 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Cc: k7gt@arrl.net
Subject: [52371] Pre-FOX fest
Message-ID: <37FB6DC0.45C@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all...I had lots of fun working some of you in the Pre-FOX fest last night. Rig was the club station's OmniVI and KLM KT34XA yagi. (Station of WA6YHJ, LLNL Radio Club, essentially defunct but good gear...)

I worked stations on all four bands used for the FOX-fest.

0000	N5ACA	10m	QRO guy who stumbled along
0002	VK3BW	10m	QRO guy who answered CQ FOX off the back of the beam
0009	K5BOT	10m	900 mW !!
0016	N3LAZ	20m	
0018	NV4V	20m	
0022	K0EVZ	20m	the ND BEACON
0024	WZ2T	20m	
0028	WA7LNU	20m	the UT BEACON
0030	WD8MJH	20m	busted -- QRM
0033	KE4RUO	15m	
0039	K1QM	20m	
0041	K7MPH	20m	
0043	N0MF	20m	
0044	N4SO	20m	
0045	K2REB	20m	
0048	K5ZTY	20m	
0050	AE4IC	20m	
0054	AJ4Y	20m	
0058	AB8DU	20m	
0100	W2PFS	20m	
0107	WE6W	40m	(I used the untuned beam for 20/15/10 used on 40...)

0112 K5UP 20m
 0115 WS8RM 20m QRO guy
 0120 W7ILW 20m 500mW!
 0123 VE6AAN 20m
 0125 K5NZ 20m
 0128 W5XE 20m
 0129 KD5CMN 20m
 0134 N4UY 20m
 0144 KU4AF 20m
 0148 KB9IUA 20m
 0151 W5JAY 20m QRO guy

I left for my evening teaching assignment at 0155.

Look for me on Jan 4 2000 as the FIRST FOX of the NEW MILLENIUM!!

K7GT

--

```

              |
             /|
            / |
           /  | \
          | /Z | \
         /| /599| \
        /_|/____|__\_ k7gt@arrl.net
    Allan Taylor K7GT  http://www.qsl.net/k7gt
    Pleasanton CA CM97aq
    ...QRO, QRP, or barefoot..... [\-----/
    ~~~~~
  
```

 Date: Wed, 6 Oct 1999 10:41:48 -0500 (CDT)
 From: "Kevin L. Anderson" <kla@helios.augustana.edu>
 To: qrp-l@lehigh.edu
 Subject: [52372] FOX: 20M Fox Warm-Up Fun!
 Message-ID: <Pine.SOL.3.96.991006103508.8046B-1000000@helios.augustana.edu>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

QRP Experts --

I'd been off the air for over 1/2 a year due to work and family commitments, with only an occasional local club activity (Field Day, Kid's Day, etc.). I was feeling pretty blue, down and out, and something drove me to turn on the rig again. Further, some voice kept telling me to tune up, from my usual 40m to 20m. Wow! A Fox Warm-Up going on! Eureka. Battle stations.

My few minutes of fun resulted in catching K0EVZ, K7GT, AJ4C, and Doug, KI6DS (with his doublet testing). Thanks guys, sorry I was so rusty, but you relit a pilot light inside that has been out for some time. A fire has hopefully been rekindled that can stay on. See you in the Foxhunt starting later this month.

Cheers/72. Kevin, KB9IUA
home: KB9IUA@juno.com

Kevin L. Anderson Ph.D., Geography Department, Augustana College
Rock Island, Illinois 61201-2296, USA phone: (309) 794-7325
e-mail: kla@helios.augustana.edu -or- gganderson@augustana.edu

Opinions expressed here are my own and do not represent
the administration of Augustana College.

Date: Wed, 6 Oct 1999 10:50:05 -0500 (CDT)
From: "Kevin L. Anderson" <kla@helios.augustana.edu>
To: qrp-l@lehigh.edu
Subject: [52373] Century 22 -- TX Offset Question
Message-ID: <Pine.SOL.3.96.991006104154.8046C-1000000@helios.augustana.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Not long ago a T-T Century 22 owner had a message about having to adjust his/her TX Offset. I'm suspecting my C22 has a similar adjustment needed, as I might be off a tad (100-300 Khz), which would explain some behaviour in tuning I need to do often times to find the other operator's "sweet spot".

Would that person please e-mail direct. I'd like to double check my likely procedure with them to adjust my TX offset.

For the uninformed, the Ten Tec Century 22 is an early 80s Direct Conversion CW-only rig that was put out as a successor to the famous C21. Being a Direct Conversion receiver, there are no IF filters to have one listen to just one side or other of a signal. Instead there is a Receive Offset switch that allows the user to select whether to listen above or below the transmitted signal. As I understand it with this rig, a receive offset of 0 (center detent) "ought" to mean the Receive LO is the same as the TX LO. I have no problem zero beating my receive with the other user (that is equal offset on other side gives the same received tone). But I'm not

sure mine is right on with TX, as people answering me are often times above or below where I'd expect them by a bit.

Always questions from the peanut gallery...

Cheers/72. Kevin, KB9IUA

home: KB9IUA@juno.com

Kevin L. Anderson Ph.D., Geography Department, Augustana College
Rock Island, Illinois 61201-2296, USA phone: (309) 794-7325
e-mail: kla@helios.augustana.edu -or- gganderson@augustana.edu

Opinions expressed here are my own and do not represent
the administration of Augustana College.

Date: Wed, 06 Oct 1999 11:54:38 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [52374] Re: Static...a few facts to think on.
Message-ID: <37FB70BE.C325F0AA@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Glen Leinweber wrote:

>
> In <37FB4788.2A76C0B4@rit.edu>, David Hinerman wrote:
>
> >So, CMOS isn't the only thing that can be damaged by static - and it
> >isn't ALWAYS damaged, either. But it doesn't hurt to take simple
> >precautions.
> >
>
> Dave,
> Neat note about strange current paths that lightning
> takes.
> I've learned NEVER to try to guess where discharge paths
> will go. They'll take the darndest routes. And direct hits
> are so boggling huge, most anything in their path ends in
> a bubbling splatter.

Glen,

I have a friend who used to do radio comm for the National Guard. They were on field training once, using a long wire (I think he said it was

2000 ft. or so of copper-coated steel) strung between two portable towers. One evening when they were away from the setup a thunderstorm came through and lightning hit the wire.

They were looking at the damage the next day, and he said they recovered all but about the middle 50 ft. of the wire. They assumed that stretch was floating around in the atmosphere. But what was interesting about the remainder was the sections nearest the "missing" piece was steel wire with copper beads stuck to it.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Sun, 02 Jan 00 11:12:17 -0400
From: chuck.olson@sbaonline.gov
To: qrp-1@lehigh.edu
Subject: [52375] MN9 9-band QRP xcvr kit?
Message-ID: <0001021112.A8292wk@sbaonline.gov>
Content-Type: text

I received my October issue of Nuts and Volts - I was startled to see a brand new, do it all, QRP kit rig for sale on page 3 - from Halted Specialties in CA, their part number: HSC#80503. It's called the MN9 from Sierra Radio Enterprises - price is listed at \$469.

The following features were listed:

50 mW to 12 W - CW/SSB

USB, LSB, CWHI, CWLO (selectable CW sideband)

160 meters through 10 meters including WARC bands

Digital Frequency / Clock Display

Vackar VFO with ZERO DRIFT* (* by adjusting 2 rear panel mounted pots)

Built in electronic keyer and SWR bridge

Front firing speaker - handsome front panel

Full QSK CW Break-in, 2 jacks for paddle and key

Narrow band CW filter option

Dual, half-lattice 9 Mhz xtal filter for SSB

Variable RIT/XIT

Selectable IF Scan with Scan Adjust for filter rej. of unwanted sigs.

NO RELAYS!

No external test equipment needed for alignment

Adjustable bandspread, both in width and in ham-band position

There is a picture of the rig in the ad - it also appears to have a REAL
meter, 15 front panel knobs and a few switches.

I took a look on the Halted web site but couldn't find any more info:

<http://www.halted.com>

I don't know anymore about this kit than what I see in the ad but
SOMEONE on this list must have FULL info on this rig - I can't believe
it's been kept a secret ;) Maybe you folks lucky enough to go to
Pacificon will find out more about it. Anyway, it looks interesting - a
new multi-band QRP rig situated in price between the OHR-500 and the K2.

Best Regards,

Chuck Olson, WB9KZY

Jackson Harbor Press - <http://home.att.net/~jacksonharbor>

Date: Wed, 06 Oct 1999 12:08:52 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52376] Pre-Fox Test @ AJ4Y
Message-ID: <37FB7414.131DBC8F@tampabay.rr.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The pre-fox test last night was the initial run for my just completed K2. This was my FIRST kit and will not be the last.

I don't have the log here, but worked about 15 stations. Worked K1QM on both 20 and 40...the rest were on 20. Running the K2 @ 5 watts into a Mosley Classic 33 tri-bander up 70' and a 40m sloping dipole.

Noticed a couple of the others who posted logs had me as aj4C. My keying must have been a little sloppy. I will have to get away from the computer sending a little more I guess!!

Now that the K2 had it's first taste of the hunt...it will be back for more!! Go Swamp Rats!!

Paul AJ4Y

--

Lakeland Amateur Radio Club:
<http://www.qsl.net/k4lk1>
Polk County Chapter American Red Cross:
<http://www.redcross.org/fl/polkcounty>
AJ4Y info page:
<http://www.qsl.net/aj4y>

Date: Wed, 6 Oct 1999 09:15:50 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: chuck.olson@sbaonline.gov
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52377] Re: MN9 9-band QRP xcvr kit?
Message-ID: <Pine.GS0.4.10.9910060910310.459-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Chuck,

This is the radio that was featured in the QRP ARCI Quarterly magazine of April 99 (I think that was the issue but going from memory!).

The Vackar VFO is what started the whole idea.

Frank called me several months ago with an idea about an article about the Vackar VFO. During the next few months it grew from a simple article about the VFO into a full blown kit rig.

If no one has the data handy today, I'll try to post more later tonight.

On Sun, 2 Jan 2000 chuck.olson@sbaonline.gov wrote:

>
> I received my October issue of Nuts and Volts - I was startled to see a
> brand new, do it all, QRP kit rig for sale on page 3 - from Halted
> Specialties in CA, their part number: HSC#80503. It's called the MN9
> from Sierra Radio Enterprises - price is listed at \$469.
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> The following features were listed:
> -----
>
> 50 mW to 12 W - CW/SSB
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> USB, LSB, CWHI, CWLO (selectable CW sideband)
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> 160 meters through 10 meters including WARC bands
>
> Digital Frequency / Clock Display
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> Vackar VFO with ZERO DRIFT* (* by adjusting 2 rear panel mounted pots)
>
> Built in electronic keyer and SWR bridge
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> Front firing speaker - handsome front panel
>
> Full QSK CW Break-in, 2 jacks for paddle and key
>
> Narrow band CW filter option
>
> Dual, half-lattice 9 Mhz xtal filter for SSB
>
> Variable RIT/XIT
>
> Selectable IF Scan with Scan Adjust for filter rej. of unwanted sigs.
>
> NO RELAYS!

>
> No external test equipment needed for alignment
>
> Adjustable bandspread, both in width and in ham-band position
>
>
> -----
>
>
> There is a picture of the rig in the ad - it also appears to have a REAL
> meter, 15 front panel knobs and a few switches.
>
> I took a look on the Halted web site but couldn't find any more info:
>
> <http://www.halted.com>
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> I don't know anymore about this kit than what I see in the ad but
> SOMEONE on this list must have FULL info on this rig - I can't believe
> it's been kept a secret ;) Maybe you folks lucky enough to go to
> Pacificon will find out more about it. Anyway, it looks interesting - a
> new multi-band QRP rig situated in price between the OHR-500 and the K2.
>
> Best Regards,
>
> Chuck Olson, WB9KZY
> Jackson Harbor Press - <http://home.att.net/~jacksonharbor>
>
>

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 6 Oct 1999 09:39:09 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [52378] New Multiband Transceiver from HSC
Message-ID: <01bf1019\$50d311e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys here is what I know about the new MN9 QRP kit. It is designed by a gentleman who lives in Reno, NV. and the guy is a good friend of one of the owners of HSC in Sunnyvale, who has exclusive distribution rights. The rig has 9 bands, etc. and the company is called Sierra Radio Company and is selling a 9 band transceiver, think that won't cause some confusion with another well known company??

I was told at the NorCal meeting that the rig is still in beta testing, that only one has been built so far. But they hope to have it at Pacificon. Don't know when delivery is supposed to be. The outstanding feature of this radio is supposed to be the Vackar VFO and 0 drift via compensating controls on the back of the radio. (Haven't seen it, but that is what I was told). It uses a Blue Sky Engineering Clock/Counter kit for the digital readout, so we all know that part works well. It is a complete kit. Ahh, another player steps forward in the QRP market, you have to love it.

That is all that I know. Hopefully they will have the rig at Pacificon for us to see. 72, Doug, KI6DS

Date: Wed, 6 Oct 99 09:09:16 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-l@lehigh.edu
Subject: [52379] variometers
Message-ID: <Chameleon.939227347.anthony@anthony>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dave Hinerman WD8CIV wrote:

"Anthony,

I could see a variometer possibly being too unstable mechanically to be used in a VFO, but if the range of inductance is suitable, I'd think it would be fine for a tuner.

Have you built a variometer? Would you care to post some details if so?"

Answer: The variometer doesn't necessarily have to be mechanically unstable. The problems are the same as for a variable capacitor, that is, a set of wipers and the temperature stability of the materials. It's really not a much wierder idea than a PT0, if you think about it.

I haven't built any variometer tuned gadgets, but my entry for the Pacificon regen contest was to be a replica of the RCA Radiola III, scaled down for HF. I have a new baby in the house, so it will not be built. If you want to see how it's done, there are many pictures of the insides of a Radiola III on the net. It uses a variometer for tuning and a similar arrangement for regeneration control.

I have seen pictures of other variometer tuned old radios, and some of them are beautiful examples of craftsmanship.

The WWII Signal Corps airborne transmitter (I think it's the BC-375) that used receiver-sized TU-x series tuning units used variometers for tuning the low frequencies. Each tuning unit had a tank for the oscillator and for the PA. I haven't seen one of these inside, but if the quality is anything like the higher frequency units, they are built very well.

73,WN6Q

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com, afelino@eng.delcoelect.com
telephone: (805) 730 1565, x25
fax: (805) 730 1569

Date: Wed, 6 Oct 1999 12:48:17 -0400
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [52380] QST QRP "Roundup"
Message-ID: <8060D04206ABD2118C6800805FC743CC46AC79@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Calling All QRP Builders... :-)

QST is considering doing an article that is another "round-up" of low power transceiver kits, very similar to the one we did in June 1996 ("Low Power Transceiver Kits You Can Build). Note that this is not going to be a Product Review column, but would be a feature article (it will include some test data from the ARRL Lab, though). To save some time, we are looking for folks who have already built these particular radios who would be willing to send their radio to the ARRL Lab for testing and then write a section for the article on their construction and operating impressions.

Here is the list being considered: (Others were done in the previous article or a Product Review)

EMTECH NWXX series
Oak Hills Research/Morse Express OHR 100A
Red Hot Radio Red Hot NC20
Small Wonder Labs DSW40 (or other band)
Small Wonder Labs SWL40+ (or other band)
Wilderness Radio SST

Part of the process will be testing the rigs in the ARRL Lab. The Lab will verify that the units are working up to their performance and will align the rigs per manufacturer instructions (if needed) prior to testing. The Lab tests should take about two weeks maximum.

If you would be interested in participating, please contact me at kc1sx@arrl.org and let me know which rig you wish to write about. I can give you some more guidance on what the editor is looking for in the writeup.

72, Michael Tracy, KC1SX, ARRL Lab

Date: Wed, 6 Oct 1999 13:04:15 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [52381] Pre-Fox Fest
Message-ID: <199910061704.NAA01350@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Well thanks to everyone who sent me very nice notes about the fun they had at the Pre-Fox Fest. It was certainly nice to hear so many of the QRP-L folks having a good time.

I only had 16 QSO's. I checked 15m, but never heard anyone. And by about 0215z, 20 meters went completely quiet. Seemed like a perfect time move to 40 meters.

The real fox hunting season starts in a few weeks -- and I STILL have some antenna work to get done.

Reminder: the PA QSO Party is this weekend and there is a bonus MULT for QRP operation. Keep those keyers warm ... more QRP fun this weekend. See Oct 99 QST page 86.

Anyone interested in a POST-FOX Blowout?

72's to all

--

/joel K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Wed, 06 Oct 1999 11:54:39 -0500
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>
To: qrp-l@lehigh.edu
Subject: [52382] Paddle help:
Message-ID: <4.1.19991006115254.00abd340@mail.oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang: A few days ago, I saw a post concerning the projected availability of Benchers version of the N2DAN Mercury Paddles. I did not keep the info. Anybody have the info at hand. "72"

-
J. W. (Dub) Thornton WA5YFY
Minco, OK.

Date: Wed, 6 Oct 1999 10:21:54 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [52383] The ARRL and QRP
Message-ID: <01bf101f\$4ae7d080\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, the ARRL has been very generous in its support of QRP and they seem to be listening to what the membership wants. Look what has happened with the ARRL and QRP in 1999.

Dave Sumner, K1ZZ, builds a NorCal 20 kit and writes article for QRPP.

Ed Hare resurrects the Tuna Tin 2 and goes on a cross country tour with it promoting QRP and because of his high profile position with the ARRL it helps to identify the ARRL with QRP.

The ARRL publishes Rich Arlands book on QRP and promotes it heavily in

advertising.

We ask for testing of the various kit rigs, and the ARRL lab agrees to do it (see Mike Tracy's posting today.) He also asked for help. Guys, let's step forward and do our part here.

The ARRL plans a special operating event with the Tuna Tin 2 on Halloween weekend and ties it in with the Zombie Shuffle Qrp Contest!!

Several QRP articles in QST.

A QRP column on the members only website. (Can a QRP column be far behind in QST? I hear rumors that it might happen in the new millenium.)

All of this is a very positive step by the ARRL and I appreciate it. We are going in the right direction. Now, there is another step that we need to get the ARRL to take, and that is the availability of a QRP endorsement for DXCC. I have been told by an insider at the ARRL that the way to get this to happen is to go to ARRL conventions and find the Division Director and ask him his position on it. Tell him that you are most interested in it, and how you can see many positives to it. IF he comes back with what seems to be the official ARRL position that they can't verify the power, counte politely, are you listening, politely, with "Yes but you don't verify the power at the top end, you don't require power verification for all of the other ARRL awards that have QRP endorsements, so why are you insisting that it be done for DXCC?" Say that you know many, many other qrpers who are interested in this also. And be sure and mention that we expect to pay our full share of the costs. The Pacific Division director is Jim Maxwell. He will be at the convention. Let's all go up to him and see what we can do. We need to do this at every ARRL convention guys. Not just Pacificon. We need to be at the ARRL forum and stand and ask this question. "What is your position on a QRP Endorsement for DXCC? QRPers would like to see this added to the list of ARRL awards along with all the others that the ARRL awards to qrpers." It just might work. 72, doug

Date: Wed, 6 Oct 1999 10:14:00 -0700
From: sigcom@juno.com
To: qrp-1@Lehigh.EDU
Subject: [52384] TT-2 Output network
Message-ID: <19991006.101401.-363933.1.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Group,

I changed the output transformer to the 4-1 impedance ratio bifilar wound transmission line transformer like Dave Fifield suggested. That made a considerable improvement. Now the 2nd harmonic is -14 db and the 3rd harmonic is -27 db.

Looks like the 3 pole network isn't going to cut it, but I haven't ruled it out yet because I've got something else strange going on. The efficiency of my rig isn't too good. I'm getting 250 mW out for 715 mW input (13.5 VDC with 53 mA combined oscillator and PA current) approx. 35% efficiency, yecch. Didn't have time to measure the PA current alone, but I doubt that the oscillator draws very much. What's strange about this is that I've got approx. a half Watt being burned up somewhere but the PA transistor isn't getting much warmer than ambient air (at that loss, it should be cooking). And I checked the power output on two different Watt meters (WM-2 and IFR-1200S) and they agree. So I'm temporarily scratching my head. Tonight I'll double check the capacitor values in the output network. Before I installed it, the coil measured right on the nose using the ADE LC-II.

I look forward to Dave's and anyone else's measurements.

73.....Steve, WB6TNL

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 6 Oct 1999 14:03:45 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Hendricks, Doug" <ki6ds@dpol.k12.ca.us>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52385] Re: The ARRL and QRP
Message-ID: <Pine.OSF.3.95.991006140057.6858A-1000000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just sent out the press release to the ARRL regarding the Foxhunt. Rick says there may be a blurb on the Members only site and perhaps something in the "Up Front" page.

Remember, you can't spell QRP without PR.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 06 Oct 1999 10:13:02 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [52386] AL7FS Casual CQ QRPP on 28.060.50
Message-ID: <37FB912E.7C37955E@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am calling CQ on 10 mtrs starting at 1710Z and will leave it running while I study at the kitchen table. I am only running 25 mw QRPP so may be tough to hear. There are signals on 10 mtrs up here today.

I will send another email when I quit

Jim

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>
ICQ 11022915

Date: Wed, 6 Oct 1999 12:16:16 -0600
From: "Alyn Backe" <ve6bpr@cnnet.com>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Cc: "qrp-canada" <qrp-canada@lists.gpfn.sk.ca>
Subject: [52387] Remember the Sardine Sender?
Message-ID: <002f01bf1026\$e1de30e0\$8b06e5cf@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings to all.

With all the talk and activity recently regarding the "Tuna Tin 2" transmitter, I was reminded of another fun little transmitter I built back in the early 80's. It was called the "Sardine Sender". The chasis of the radio was built on a sardine can.

Do you guys/gals remember this one? It was an 80 meter crystal controlled

transmitter that had an output of around 250 milliwatts if I remember correctly. This transmitter used the same type of coils that were used in the original TT2 transmitter. (The ones that used to be available from Radio Shack.)

Well, with the new version of the TT2 now available for 40 meters, wouldn't it be nice to have another seafood rig for the 80 meter band? I guess what i'm getting at is this. Are there any of you "RF Gurus" who would be willing to do a similar conversion and come up with a "Modern" version of the Sardine Sender? I don't have the article anymore but the conversion may only need the older style coils converted to toroid inductors.

I've got a can of sardines on one of the kitchen shelves and i'm looking for an excuse to open it up. I think it would make a nice companion to the TT2.

Best 72/73, AL, VE6BPR...dit dit
QRP-L #1144
ve6bpr@cnnnet.com

Date: Wed, 06 Oct 1999 13:18:36 -0500
From: "Brad Bradfield, PE" <b_bradfield@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [52388] Re: variometers (OT)
Message-ID: <37FB9279.5D85F9E@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello y'all - -

If y'all want to see a real variometer, look at <
www.exit109.com/~jimh/nss/nss04b.jpg >. Then to get a size reference,
look at < www.exit109.com/~jimh/nss/nss04a.jpg >. How 'bout them
Johnny balls?!?!?

72's es 73's,

Brad, W5CGH

Date: Wed, 06 Oct 1999 18:24:33 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [52389] Re: Tuna Tin 2 pi output ckt
Message-ID: <199910061823.NAA15186@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Dave's findings are interesting...

The original TT2 article says that the
T1 transformer primary winding has an inductance of 80 microhenries...
The updated version from QRPP has 14 turns on an FT-37-43 core which
I compute to have about 82 microhenries of inductance....

(If you have a 6 turn bifilar wound coil connected as an autotransformer
as Dave, AD6A, does in his TT2... What number of turns do you use
for the inductance calculation, 6 or 12 (or something else) ????
Can't seem to find that data in the ARRL Handbook (1997)....
If it's 6 then I calculate about 15 microhenries, if 12 about 60....)

Now in the Solid State Design for the Radio Amateur, in discussing the
RF choke in the collector circuit of an RF amp, it states: (P25)

"The rf choke is a component which is often treated too casually. The
choke should have a low dc resistance, for any IR drop in the choke will
subtract from the available supply voltage. The inductance of the choke
should not be excessive. Too much inductance will cause resonances to
exist with the capacitors in the output network which are much lower
than the output design frequency. Since the typical transistor has a gain
which is increasing dramatically at lower frequencies, these resonances
can lead to instabilities. A reasonable rule of thumb is that the output rf
choke should have a reactance at the operating frequency which is between
5 and 10 times RL. An additional (and wise) precaution is to parallel the
usual 0.1-uf bypass capacitor with an electrolytic capacitor of
around 10 uf."

The context here a 1/2 watt class C amp at 14 Mhz using a tuned circuit
which is link coupled through a blocking cap to the collector, and also
link coupled to load. A parallel fed collector which uses an rf choke.

It would seem that some of this might also apply to the TT2 design since
it uses an untuned collector directly fed through the transformer primary.
The secondary link connects to the pi network.

If the RL of the original is about 250 ohms, then according to the rule of thumb
above, the rf choke should be between 1250 and 2500 ohms at 7.04 Mhz,

or between 28 and 57 microhenries.

Another factor which may come into play here is the power level. In the Spring '99 QRPp, in the article on the DL-QRP-PA, Peter Zenker, DL2FI, mentions some experience with increased broadband noise when tweaking rigs for greater than their design output. He mentions the SIERRA, which he tested..

So here are a couple of questions we might ponder.

Do you suppose the original (DeMaw) TT2 circuit (at 350 mw) has the garbage output that Dave observed in his unit? Can anyone run this test???

Does the garbage (if present) vary in some non-linear way from power levels of say 200 mw up to about say 700 mw? (Remember that the design power level of the original was probably about:

$$P_o = V_{cc} \cdot I_{cc} / 2 = 13.5 \cdot 13.5 / 2 = 91.125 \text{ mw} \quad \cdot 3 = 273.375 \text{ mw out}$$

The schematic shows the final drawing 35 ma, so the rig may have actually been operated at 486 mw, or about 340 mw out. (There is a minor discrepancy here as the schematic shows 13 v for power, while the test mentions 13.5v.))

Do you suppose that the converted circuit that Dave tested (the QRPp updated circuit) has the same garbage at 250mw as observed at the higher power? (Dave, would it be possible to get this test data for comparison???)

In the meantime.....I'm using the following mods on my unit:

- 1 - Change the output transformer and coupling to that used by Dave.
- 2 - Change the keying from Vcc to the base and emitter of the OSC, as used in the W7ZOI universal transmitter. (Lift the base and emitter resistors off of ground and connect to ground via a .1 cap. Put the key across the cap.)
- 3 - Make the OSC output variable. (Add a pot in the base bias network to vary the operating point.)
- 4 - Change the final to a class C stage to eliminate the constant current draw and make output power variable. (Remove base bias network and emitter resistors and put a 1000 ohm pot from base to ground, ground the emitter.)
- 5 - Add two pi sections to the output network for increased harmonic suppression.

I have checked out 2, 3, and 4 using the UGTT-2 as a prototype. Seems OK. Now on to 1 and 5....and the MRX....

Lets see, if we converted the TT2 OSC to an amp and used the RX osc as TC injection.....HMMMMMM.....

Larry KA5T

Date: Wed, 06 Oct 1999 11:23:43 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [52390] A post-FOXHUNT event idea: a HOUND-DOG party!!
Message-ID: <37FB93AF.7996@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Inspired by Joel, K1QM, I came up with a possible operating event to follow the FOXHUNTS this season. I found, with the few FOXHUNTS in which I actually bagged the FOX, I was looking for something else to do. I obviously had to clear out of the FOXHUNTING zone. What I did those times was to just go downband and see what I could stir up.

SO, why don't we schedule such an event. The big-time testers meet on 3905 (I think it is) to boast and chat. Why don't we agree to meet downband for a HOUND-DOG party. Say, at about 7033-35 or so. We could exchange the times at which we bagged the FOX and get together by calling CQ HOUND. Then as new HOUNDS arrive, it is like getting another FOX to work!!! What fun. What braying and barking of the hounds!

Any thoughts pro or con?

73

Allan K7GT

First FOX of 2000...

--

```

                                     |
                                   /|
                                 /  |
                               | /Z |\
          Allan Taylor  K7GT      /| /599| \      k7gt@arrl.net
    Pleasanton CA  CM97aq  /_ | /____|__ \_  http://www.qsl.net/k7gt
...QRO, QRP, or barefoot..... [\-----/
~~~~~
```

Date: Wed, 6 Oct 1999 14:28:02 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [52391] FOXHUNT: 10/12/99 Pre-Foxhunt QSO Party
Message-ID: <Pine.OSF.3.95.991006141943.6858N-100000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Next Tuesday evening (in the US) hounds are encouraged to look for our official QRP-L foxii around the official QRP calling frequencies.

Foxii will try to spread out and will report to QRP-L regarding times and frequencies of operation. Hounds ONLY work foxii, Foxii only work hounds, Only FOX stations call CQ FOX. Hounds, please hunt and peck.

Oh... momma fox may make an appearance too... I'll call CQ Fox - what the heck, I make the rules up as I go along, or so I've been told.

Please post results to QRP-L with the typical FOXHUNT filter in the subject line.

Good Luck!!!

Mom

Foxhunt website <http://www.acs.oakland.edu/~prvalko/foxhunt.htm>

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 06 Oct 1999 10:29:36 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [52392] AL7FS ups power to 500mw at 1730Z
Message-ID: <37FB9510.E7198DF3@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Larsen AL7FS wrote:

>

> I am calling CQ on 10 mtrs starting at 1710Z and will leave it running
> while I study at the kitchen table. I am only running 25 mw QRPp

Oh, ok, I will up that to 500mw :-)

Jim

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>
ICQ 11022915

Date: Wed, 6 Oct 1999 14:32:50 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [52393] Re: Remember the Sardine Sender?
Message-ID: <[v03102805b421462a697c@\[152.15.144.71\]](mailto:v03102805b421462a697c@[152.15.144.71])>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

AL, VE6BPR, writes;

>I was reminded of another fun little transmitter I built back
>in the early 80's. It was called the "Sardine Sender". The chasis of the
>radio was built on a sardine can.

>

>Do you guys/gals remember this one?

The Sardine Sender is on the cover of my copy of "QRP Classics". I bought that hoping that the SS article would be included. I was disappointed to find that the picture was all the coverage the SS got in "QRP Classics". Maybe the ARRL needs to produce another "QRP Classics" with the SS and the TT/TT2 included this time.

I would love to have the plans if anyone knows when it originally appeared in QST. My issue has long since disappeared.

72,

Rick kf4ar

Date: Wed, 6 Oct 1999 13:35:20 -0500
From: Kyle Lusk <klusk@bhm vending.com>
To: "'kq5u@flash.net'" <kq5u@flash.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52394] RE: 15M & QF-1A
Message-ID: <01BF0FFF.A4D28380.klusk@bhm vending.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

THE OHR-100 IS HOW MANY WATTS , I AM NEW
THANKS
KG4BQQ

-----Original Message-----
From: KQ5U [SMTP:kq5u@flash.net]
Sent: Tuesday, October 05, 1999 1:07 AM
To: Low Power Amateur Radio Discussion
Subject: FS: 15M & QF-1A

I have been cleaning the shack, since the arrival of the K2 and have the following items for sale.

OHR-100 This is a rare 15 meter rig CW that tunes about 65 Khz. of the band. You can select the part of the band you want to use (just adjust the coil as per the manual instructions) (no mods) and I have the manual for it. The rig is clean (looks new) and works well. Price is \$95

Autek QF-1A This is a very good audio filter for SSB and CW with feature like low pass, high pass, notch, peak and stop band. Four knobs

to set it the way you want it. Requires 120v, but I think that can be changed. An old goodie with no mods. Price \$55

These prices include shipping to the old 48 states (extra elsewhere). Please respond directly.

Terry, KQ5U
Spring, TX 77373 NR Houston

Date: Wed, 06 Oct 1999 11:43:44 -0700

From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [52395] Pre-Fox blowout.
Message-ID: <37FB9860.512DF0F2@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good day fellow milliwatters and builders.

The 4 hour fun-fest was very entertaining and the signals were good. My QSO rate really crashed after the second hour. Only 5 or 6 stations worked from 03-0400Z. I thought I was all alone for awhile because the 700 Hz filter I selected pretty much kept all the Buzz-Saws at a distance. But on 40 Meters the QRP Freq. 7040 was unusable as it has been for months.

Total Q's:
15M:1, 20M:4; 40M:16.

Ku7y sneaked in on 40 meters with his 15 milliwatts. No doubt his finals had been ESD damaged, but we qso'd anyway.

(Just kidding Ron!) Good Job OB.

Setup here was K2 @5Watts to the ZM-2, 300 Twinlead to the 40 Meter full-wave loop up 15 feet. All signal reports were honest which really makes these gatherings a great place to test antennas and the ham station in general.

I was surprized the low loop worked so well towards the east coast on 40 Meters.

I hope we have a Post-Fox blowout in the spring! It was great fun. Oh, I alternated between the keyer running at 16 to 26 WPM and the Vibroplex bug. Needless to say, my thumb was a little lazy when I returned to the bug. Good practice though.

Thanks to all. 72/Ed we6w

--

-Ed AR Millennium Q's=>1200/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Wed, 6 Oct 1999 14:49:38 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: Wayne Burdick <n6kr@elecraft.com>
Cc: qrp-1@lehigh.edu
Subject: [52396] Re: [Elecraft] history of the 2.1mm plug/jack
Message-ID: <v03102806b4214768b439@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>And this is precisely why we used 2.1 mm for the K2: to match the NorCal
>40, 40A, Sierra, and SST. A large percentage of our customers have built
>NorCal / Wilderness rigs and already have 2.1 mm power jacks/plugs all over
>the shack, so this was the path of least resistance (er....you know what I
>mean....).

Being a Sierra and a K2 owner, I have no plans on changing jacks/plugs. In fact, the same plug also fits my Norcal Cascade, my MFJ 6M QRP SSB transceiver, my RS DSP filter, and all my other battery operated gear including my 5" BW TV, everything except my OHR WM-2 wattmeter. I've even used the same 2.1 mm jack for all my homebrew projects to keep things standard.

The power plug supplied with the K2 is very nice, IMO. I wish I had several more.

72,

Rick kf4ar

Date: Wed, 06 Oct 1999 15:11:15 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52397] Just in time for the 2000 Fox Hunt season
Message-ID: <37FB9ED3.3914B994@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

OHR 100a 40m qrp radio.
Up to 5 watts output. No mods.

Assembled kit in great shape.

For more info visit the OHR web page: <http://www.ohr.com/ohr100a.htm>

\$75.00 shipped to your door in the U.S.

73

Paul AJ4Y

--

Lakeland Amateur Radio Club:

<http://www.qsl.net/k4lk1>

Polk County Chapter American Red Cross:

<http://www.redcross.org/fl/polkcounty>

AJ4Y info page:

<http://www.qsl.net/aj4y>

Date: Wed, 6 Oct 1999 13:18:20 -0600

From: "Carl Zmola" <zmola@campbellsci.com>

To: qrp-1@lehigh.edu

Subject: [52398] Re: Recommendations for 10 meter mag mount

Message-ID: <19991006191224797.AAA288@carl-zmola>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

> I had a Radio Shack CB antenna cut for 10 meters
> and it just did not cut the mustard. Limited use and
> now looks like the coil is shorted or broken. Can anyone
> recommend a good 10 meter mag mount that is pretty
> durable?

I have used a RS CB cut for 10M and it is still holding up pretty well.

Mine has a magmount base with a chromed post that is about 3in high.
The whip just sits into this. My only complaint is the little dohicy at the
top came off very early (My garage door is about 3in too low). Now the whip
is just a stainless steel rod. The antenna works fine.

I have another RS whip that was made to mount on a truck mirror (I tried
mounting it on my luggage rack, but couldn't find a ground) This one has a
coil that is covered in black plastic (shrink tubing?). It uses the same whip
steel as the other mag mount.

Both were very spikey on 10M. I cut the steel for 28.5, but can use the set screw to move it up to cover lower in the band. The 1.5 swr bandwidth is about 3-400 khz.

Carl

Carl
zmola@campbellsci.com

Date: Wed, 06 Oct 1999 11:09:52 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "Allan G. Taylor" <ataylor@heracles.llnl.gov>, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [52399] Re: AL7FS <-->K7GT 2xQRPP
Message-ID: <37FB9E80.8274493F@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, there is hope.

Just entered a log entry for 2 way QRPP with me at 10mw and Allan, K7GT in California at under 1 watt (QRPP). Thanks, Allan!!

Jim

--
73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>
ICQ 11022915

Date: Sun, 02 Jan 00 15:08:07 -0400
From: chuck.olson@sbaonline.gov
To: qrp-1@lehigh.edu
Subject: [52400] MN9 9-BAND QRP XCVR K
Message-ID: <0001021508.A8820wk@sbaonline.gov>
Content-Type: text

KU>This is the radio that was featured in the QRP ARCI Quarterly
KU>magazine of April 99 (I think that was the issue but going from

Ron -

Very nice! I knew someone on the list would have the goods on this one. Thanks very much for letting me know.

I dug out my April issue and now I do remember seeing the article. It looks like an interesting rig - I hope we'll hear more about it.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press - <http://home.att.net/~jacksonharbor>

Date: Wed, 6 Oct 1999 15:29:33 EDT
From: RangerSF5@aol.com
To: DL2FI@t-online.de, qrp-l@lehigh.edu
Subject: [52401] Re: Help needed MFJ-9020
Message-ID: <0.bfc3f6d1.252cfd1d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/6/99 8:13:48 AM EST, DL2FI@t-online.de writes:

<<
a friend asked him to repair his MFJ 9020. He says it is too noisy. I cannot compare because I never before had a 9020, but compared with the NorCal40 or the SW40+ or the GQ40 the hiss is terrible loud.
>>

Look at the FET buffer between the crystal filter output, appx 300 ohms, and the MC1350 input, (should be 1,500 ohms)

Without the buffer amplifier, there is an impedance mismatch of 300 to 1,500 ohms that will give you a good amount of noise along with the already noisy MC1350 IF AMP.

This must be an early rig if it sounds that bad to you'r friend.
The later rigs have the FET buffer installed on the right side of the board next to the 4 IF crystals.
The better matching of this part of the circuit will reduce the noise level.
Credit to Paul Harden NA5N for the above.=====

Also on my MFJ, I have made a mod to the audio chip and it seems to work well. At this time I do not have the value for the cap and resistor handy. Maybe someone reading this has it?

It's the same one that is used on the S&S ARK rigs.

I will upload you the Paul Harden MFJ 90XX Mods
Bob
WA2HOQrp <tm>

Date: Wed, 6 Oct 1999 15:26:51 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [52402] Buzzsaw
Message-ID: <000501bf1030\$be956680\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Brad, and the group.

It is ABSOLUTELY what we're hearing. Last night this very obtrusive intruder was switched on at exactly 0045z near 3500 kHz. I was in QSO with HA4FV at the time, and because condx were exceptional last night, he and I were minimally able to continue our QSO after the intruder appeared with his raucous buzzsaw wideband transmission. HA4FV confirmed that he was being blasted by it.

A few minutes later, I QSYd up to 3800 kHz and had an SSB QSO with DJ7AA, Wil. He confirmed that he was hearing it on his side as well. He has a four-square phased vertical array and said that it was coming from his Northwest. At my QTH, using my pair of switchable phased verticals, it is coming from the Northeast. That would place it somewhere in the North Atlantic, the polar areas, or in Greenland or Iceland. Someone mentioned its source as Newfoundland, but who knows?

What in blazes is it? Over-the-horizon radar? MUF probing? Simple malicious jamming?

In any case, it's worse than the friggin' so-called freebanders that mung up the 10 and 12 meter bands, and park themselves zero-beat with WWV and carry on using SSB.

The buzzsaw has also been recorded centered at 3600 kHz.

I'll try calling the ARRL today and see if I can get a rise outta someone who possibly rides herd on intruders.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Brad Bradfield, PE
Sent: Wednesday, October 06, 1999 9:41 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Sawmill

I was watching the DX Cluster last night for a bit, and saw several
posts for the "BUZZSAW" listed, all appearing to be at or around 3500
kHz. Don't know if this is related to what y'all have been hearing
around 7040 or not.

72's es 73's,

Brad, W5CGH

Date: Wed, 06 Oct 1999 11:32:30 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [52403] AL7FS off the air for now at 1830Z
Message-ID: <37FBA3CE.779000ED@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The band has died back down and I need to leave the shack for a while so
I am off the air as off 1830Z. I was pleased to work K7GT at 10mw.
That's fun!

Jim

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>
ICQ 11022915

Date: Wed, 06 Oct 1999 15:36:21 -0400
From: "The One and Only!" <mitch96@pobox.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [52404] what's the going price for a ohr-400
Message-ID: <37FBA4B5.7B2F7E72@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In excess of my needs.. (politically correct way of saying i want to
sell it) Sooooo what a fair price?? Built, good shape, 9.5 i would say.
what 'ya tink??

--

73, mitch ww4ml

Date: Wed, 6 Oct 1999 15:51:10 -0400
From: Michael <mike_mhe@compuserve.com>
To: "Lehigh, Messages" <qrp-1@Lehigh.EDU>
Subject: [52405] ORIGINAL-QRP-CONTEST (OQRPC), Date 2000
Message-ID: <199910061551_MC2-87EE-ABFE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

OQRP-CONTEST, correct date:

QRP-CONTEST-COMMUNITY (qrpsc)

Dear QRP-friends,

unfortunately some wrong announcement has been made concerning
the next ORIGINAL-QRP-CONTEST (OQRPC).

The OQRPC always takes place at:

1st WEEKEND AFTER CHRISTMAS DAY =

(Christmas Day is the 25th of December) (in Germany, DF20K)

So the 7th OQRPC will be at 01/02-JAN-2000

CLASS	A	(TX	a n d	RX	homebrew	or	>25	years	old)

1	DJ9IE	461			Drake	TR-4	(1971)		
2	OZ5DX	432			Drake	T4X-B ; R4-B			
3	DJ3XK	420			FT-250	(100W, 1970)			
4	DL5NKB	257			HB	QRP-TRX + PA (1. IF 9 MHz, 2nd IF 200 kHz)			
5	HA3PT	256			HB	TRX all semiconductor except PA (GU50), 80W			
6	S53BH	231			Geloso-VFO	+ 807-PA, 40W ; RCA AR88 (1939)			
7	DK7ZT	206			Heathkit-Line	(SB 301, 401, 600. etc. HM15) (1969=)
8	DJ1ZB	205			VFO-TTX	30W ; HB TCA440 SH 455 kHz IF =			
	DJ8BD	205			HB	TRX, 9 MHz IF, DDS-VFO (DL4SAL, FA 11/97), 35 =			
W									
10	SP6LV	202			6211-6AC7-LS50, 60W ; R 250 M (USSR 1963)				
11	OK1TJ	192			RS41, OK Army, 2xGU50 ; R250M, USSR Army (1958=-				60)
12	LY3GJ	151			HB	TRX UP2NV-design (1977), 80W			
13	DK1JU	147			BC 458 ('43),S10K('42) ; BC 342 ('44)+Conv.('65)				
14	SP9QJ	144			FT-250	(1970)			
15	DL2AWA	134			FT-277	(1972)			
16	OK2BPA	133			VFO-BU-FD-FD-PA (1966) ; National HRO 5TA1(1946)				
17	G3AIO	129			Labgear LG300 (1956) : Eddystone EA12 (1966)				
18	DL3DAZ	112			FT-DX 401 (power reduced) (1972)				
19	S59NA	108			Kenwood TS 900 (1973), 80W				
20	DL6RBH	107			Collins KWM-2A (1965), ca. 70W				
21	DL9QM	107			HB	TX (80m: 15W, 40m: 40W) ; HB RX (all tubed)			
22	G3CQR	101			Yaesu	FT-200 (1970)			
23	F8CB	84			VFO+PhOSC+BU+PA: TT21;Trans-Synthesizer				
24	DK6AJ	74			SB-300 / SB-400 (1970)				
25	SM5DUB	64			Johnson Vikin "Navigator"(1958);Standard SR25 (19=				56)
26	G0KZO	60			Heathkit	SB-101 (1966/67)			
27	YU7SF	59			VFO-FD-FD-PA (RL12P35), 20W ; Super Orion, 6tbs				
28	DJ7RU	58			Pfitzner-TX(secret service,20W) ; R311 (ex GDR 19=				58)
29	ON4ADR	57			HB	VX0-PA 807 (1968) ; MBL R209 MK2 (Army)			
30	SK6AW	54			Swedish Army TRX KV M/43 (6V6, 6V6, 6V6, 807) (19=				44)
31	DL7AQT	53			Uniden	2020, 75W (1975)			
32	RW3AI	49			FT-DX	505 (1971)			
33	DJ9NH	45			Drake	T 4CX ; Drake R 4C (1973)			
	F5JDG	45			French Air Force	TR-SM-5-A(1960-62),(170 kg,180 c=			m!)
35	G3VDL	44			VFO-6AG7-5763-807 (1956) ; Eddystone 888A (1959)				
36	DJ7TE	40			Collins	32-S-2 (1960) ; Collins 75-S-3C (1968)			

37	DL6SEH	33	Collins 75 S-3 ; Collins 32 S-3
38	DJ7RS	22	L040K39 (VFO-PA,'39) ; L06K39 (3-V-1,'42)
39	OZ7MA	16	HB TX (PA RL12P35), 40W ; Transistor-RX
40	FB1RBW	12	BC 457 (WW II) ; BC 348 (+xtal filter, WW II)
41	DJ6AU	6	Johnson Viking Ranger (1958);Collins 75A4 (1956)
CH	DL7DO		FT-301 (not old enough)

CLASS B (TX or RX homebrew or > 25 years old)

1	9A4AW	157	VFO-BU-FD-FD-PA (2xPL36) ~70W
2	DK0SZ	106	Sommerkamp FL-100B (1965)
3	DL1JGA	103	HB (premix-method, PA IRF530, FA 8/94) =
4	DL2ABH	70	RX EKV 12, RFT VEB Funkwerk Koepenick (1963)
5	DL0SGN	49	Sommerkamp FR-100B (1966)
6	DJ7ST	44	R-107 Communication Set (8tbs,Royal Navy 1944)
7	DF0FBG	9	Rohde&Schwarz SK050 (1962, 270 kg!)
8	F8IL	6	HB ECO (6V6)-FD(6V6)-PA(807)

CLASS C (TX < 10W Input, homebrew or > 25 years old)

1	DL6DSA	228	40: Hari T40P, 3W 80: AFE 12 TRX-compl. 5W
2	DL1HTX	210	40m: OAK HILL QRP-Classic ; 80m: Hari T80P
3	DL6AWJ	197	40m: Hari T40P, 3W ; 80m: HB TRX, 4W
4	DL4ME	192	HB ECO-PA (EL84) ; EKD 300
5	DL9SCO	191	QRP 14, 5W
6	OK2BWJ	188	QRP TRX 10W
7	HB9XY	171	Heathkit HW-9/A, many ARCI-modifications, 5W
8	DL1JDQ	153	HB AFE 12, completed to TRX
9	DJ6NC	151	NorCal 40A
10	DA0HSC	148	HW-9, 4W
11	DF20K	144	Sierra+KC2+DL-QRP-PA, 5W
12	DJ4VP	143	HB TRX, 5W, PA 2xSC1307 (DARC JR-96 design)
13	DJ2GL	139	Pfitzner"secret service"TX: X0-PA (EL81), 5W =
14	DL1EH	134	HB QRP-PA(EF80-EL84, driven fm FT DX 500)
15	DK4CU	133	HB HW8, 1W
16	9A3FO	123	HB from military junk, 5W
17	DJ3KK	118	ELBC 80/40, 4(3)W, DJ3KK-design (SPRAT No. 94)
18	DL6KWN	117	HB TRX (Phasing Exciter SSB/CW, PA 2xKU601, 5W)
19	DK6SX	116	40m: HB QRP 14 ; 80m: HB TRX (Hari, 5W)
20	DL9CE	94	NorCal 40 (PA 2N3866), 1W

21	OE5PGL	93	GQ 40, 3W
22	DL3ECG	92	HB HW-9, 4W
23	DJ6TE	87	QRP 14, 1W
24	G3DNF	86	HB trans.TX: VFO-BU-MXR-BA-PA, 5W; JR 310 (1970)
25	DL8GN	81	40m: HB 2W (CQ-DL 9+11/93) ; 80m: HW 9, 4-5W
26	DJ6FO	80	HW 8, PA 2xBD139, 4W =
27	DL9HCW	79	Sierra, 2,5W
28	HB9BQB	77	40m: New England 40-40, 2W ; 80m: OHR-Spirit, 5W=
	HB9HQX	77	40m: OHR 100, 5W ; 80m: OHR SPRINT II (DC-RX), =
2W			
30	DL9GTI	76	HB Mini-TRX (CQ-DL 11/93), 2W
31	DL4LBB	74	ELBC-80/40, 3-4 W, DJ3KK-design, SPRAT No. 94
32	OK1DZD	73	40m: XO(1tube),1W 80m: Czech Army TRX RM 31P('56)=
33	DL3LBZ	65	ELBC-80/40,3-4W (HB TRX, DJ3KK-design,SPRAT No.94=
)			
34	DL7UWE	64	HB TRX (PA 2xBD139, 4W) RX (4MHz ladder filter)
	OK2BTT	64	HB rebuilt, PA EL83, 4W ; military RX 11 tbs(1958=
)			
36	DK3ML	63	Sierra, 2W
37	G2HLU	62	HB TRX (G3TSO modular, RadCom 1988) , 5W
38	OE5EEP	59	GQ-40, Hands-Electronic-Kit, PA 2xMRF510 push-pul=
1			
39	DL5AXJ	57	HB 40m QRP-TRX, 5W (2x2SC2078, Funkamateur 1996)
40	DL6ABB	53	HW-9, 3W
41	DJ4SB	52	HW-8
42	DJ6ZF	51	HW 9, 4W ; Collins 51J4 (1959)
43	DL4GN	50	Sierra, 2W
44	DK1JD	48	HW-9, 3W
45	DL5ANS	45	HB TRX 9MHz-method, own design, 5W
	DL5FDW	45	HB TRX based on Sony SW 100, DL-QRP-AG-PA, 5W
	OZ7MA	45	HB TX (PA EL83, 2W) ; Drake SPR-4 (1970)
48	OM3TPL	44	HB TX 8W, built 1970 ; RX ODRA (1972)
49	DL5ST	42	TRX 10RT+HB PA (QQE 03/12) (USSR tank wireless se=
t)	HB9NL	42	HB TTX ; Semcoset 1967
51	DL9OE	40	HB TRX, 5W
52	F5ZV	39	HOME MADE QRP 360 mW
53	DL4VBN	36	HB Oak Hill Research "Spirit"
54	DL7VPE	34	HB SSB/CW TX, PA EL83
55	DL4KUG	33	HB QRP-TRX 5W, PA KT922B
56	DL1GKE	30	HB HW9, 4W
57	DJ8WV	24	R 104 (ex GDR army, 1964)
	DL2DSA	24	HB TX ; DC-RX, all own design
	DL7VTX	24	HB-TX, PA KT913W, 1W
60	DL4WD	21	DTR 7-5, ca. 3W
61	DL4AC	20	HB TRX, PA BD 135, 1W

62	DL2BQD	17	DTR 7-5, 4W
63	G3YYF	15	TCS 10 (mfd)(1940-45); Marconi CR 150/2 (1940)
64	DJ1JD	12	Argonaut 505
65	DK9OY	9	Argonaut 505, 1,8 W
CH	OK1FVD		FT-7, mfd. (not old enough)

Following a friendly agreement with the new DL-AGCW board, the QRP-CONTEST-COMMUNITY now is the only organizer of the HOT-PARTY.

The number of participants shows an inreasing popularity of this event.

We are cordially inviting you to the

12th HOMEBREW & OLDTIME EQUIPMENT PARTY at 21-NOV-99, unchanged rules.

73 de "Hal", DJ7ST

(Mailed by Mike, DF20K I'm not sure if I did this in March,
so here it is (again))

Date: Wed, 6 Oct 1999 10:15:09 -0400
 From: wd4et@juno.com
 To: pwomble1@tampabay.rr.com
 Cc: qrp-1@Lehigh.EDU
 Subject: [52407] Re: Swamp Fox
 Message-ID: <19991006.160523.-15891.0.wd4et@juno.com>
 MIME-Version: 1.0
 Content-Type: text/plain
 Content-Transfer-Encoding: 7bit

Swamp rats?

I'm looking forward to the chase.

Watch out for the Gators!

Hi Hi, Jeff

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 Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 06 Oct 1999 16:13:09 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ki6ds@dpol.k12.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52408] Re: The ARRL and QRP
Message-ID: <37FBAD55.57D6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

As the editor of teh League's new 'members only' web column, I agree with everything Doug says here. As a participant in the TT2 resurrection (restorer) I also agree. As a ham I am in favor of supporting the League and its efforts.

However, a word of caution. The League represents ham radio to ALL hams. They do not have the staff or the finances to cover everything all the time. They will still be faced with covering VHF/UHF, QRO, DX, and many other things, hopefully along with QRP> They don't dislike us because they don't turn their magazine over to us. They support us! Support them too.

73

Date: Wed, 06 Oct 1999 16:14:43 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ve6bpr@cnn.net
Cc: QRP-L@Lehigh.edu
Subject: [52409] Re: Remember the Sardine Sender?
Message-ID: <37FBADB3.235@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alyn,

I remember teh Sardine Sender. I will look into a revival for the League's 'members only' web column.

73

Date: Wed, 6 Oct 1999 16:54:39 -0400
From: "Ken Simpson" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [52410] Re: Nye Viking keyer paddle and keyer FS
Message-ID: <02d501bf103d\$1d3dc4a0\$6969fea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have received several e-mails from people asking me for the model number of the Nye Viking keyer paddles and keyer that I have for sale.

Thanks to Brad, W5CGH, I have that info.

The paddles are Nye Viking SSK-001. They can be seen about 2/3 of the way down the page at <http://www.morsex.com/nye/index.htm>
Apparently list price is \$69.95. This one is available for \$35.

The keyer is an SSK-1-K , which is the same paddles mounted inside a slightly larger case with a keyer and 9V battery inside. It uses a Curtis 8043 keyer IC, and keys both positive and negative voltages. It also has a "manual" position, so it can be used like a bug (semiautomatic). This one also has a wall transformer included for \$60.

Both of the above are iambic "squeeze" paddles.

The Vibroplex paddles listed earlier are "spoken for."

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@juno.com

Voice Phone (352) 732-8400

Date: Wed, 6 Oct 1999 16:01:53 cdt
From: wj5o@juno.com
To: TENTEN-L@LEHIGH.EDU, QRP-L@LEHIGH.EDU
Subject: [52411] Cycle23 propagation
Message-ID: <19991006.160155.-677793.2.WJ50@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi All,
I'm feeling good about cycle 23 upswing.
A personal accomplishment for Me - first time ever to
log 41 ten meter beacons in the course of a couple of hours.

6 Oct 99 20:45 Z
W3VD/B WB4WOR/B NQ2RP/B
K5AB/B KC2CZI/B W3HH/B
VA3SRC/B KA1NSV/B Z21ANB/B
N1ME/B WA6APQ/B W2IK/B
AB8Z/B N0AR/B N2VMF/B
W6TOD/B K2KL/B N3BUB/B
KC4DPC/B WN2A/B KB3BOE/B
VA3GRR/B K6LLL/B ZS6PW/B
VE3TEN/B VE4ARM/B VE7MTY/B
W8MI/B WG8T/B N7LT/B
VP8ADE/B LU1FHH/B VA3MGL/B
N8NSY/B
NCDXF Beacons
4U1UN W6WX KH6WO
ZS6DN LU4AA OA4B
CS3B

If anyone would like a current listing of ten meter beacons - Just ask.

73 Bill "Sparkling City by the Sea" WJ50/B 28.289MHz
Corpus Christi, Texas

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 06 Oct 1999 17:16:50 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [52412] Fox trial run
Message-ID: <3.0.32.19991006171647.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,
Great fun here too! I started on 20 and worked NY, ND(guess who),
CA, UT,MA,FL then went outside with a flashlight and tuned the
vertical to 40. That band was pretty much a disaster with S.A. ssb
on 7040 and the ritty stuff. Did manage a QSO with Earl VE6EWM in
Alberta. S-5 QRN on 40 but the JPS ANC-4 did pretty well...gotta
track down that QRN tho.
The situation on 7040 is disturbing to say the least but if you
think about it, it makes sense. You have a spot on the bands where
gentle people run minimum power so it is relatively uncluttered.
That frequency is going to attract interlopers....and it has!
I'm not sure what the solution is but I did "read the mail"
up the band a bit from a guy running an old Viking II. He was having
no problem establishing himself on the freq. Which brings up a
dilemma...food for more thought.
73 Pete NV4V vvvvvvvvvvvvvvvv one of the smelly "Mangy Musers"

Date: Wed, 06 Oct 1999 21:27:09 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [52413] Sardine Sender
Message-ID: <199910062126.QAA01267@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

This rig is in the October 1978 QST, page 15.

Listed as a 3.5 Mhz version of the Tuna Tin 2. It's a three transistor
version that outputs 3/4 of a watt.

Interestingly it uses a low pass T network in the output. A spectrum
analyzer photo is shown, and the caption says that "All spurious responses
are at least 54 db below peak carrier value..."

There are 6, count 'um 6, inductors in there... :-)

Go get it Bruce....
Ought to be another fun rig....

Larry KA5T

Date: Wed, 06 Oct 1999 16:32:42 -0500
From: K10J <k10j@ditdit.com>
To: QRP-L Discussion <qrp-l@Lehigh.EDU>
Cc: NARS <nars@onelist.com>
Subject: [52414] Throwing the Sheep to the Wolves
Message-ID: <012a01bf1042\$52838460\$3cb83ed8@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Howdy to All...

Over the past couple weeks I have had the pleasure of operating and comparing some of the 'Top of the Line' HF rigs. I thought it would be interesting to compare some of the 'Megabuck' rigs to some of the QRP kits and some older rigs as well. Keep in mind that I am not an RF engineer or very technical in nature. If you want all the lab specs and numbers, they are available elsewhere and I'm sure you can make them mean what ever you wish. My comparison was very simple and under 'real life' conditions. I used two different antennas, a butternut vertical and a g5rv. The set up allows routing to any one of five rigs with the flip of a switch. The measuring device used was my set of ears with 20 plus years of CW operating experience. After all, this was a receiver comparison only, since in my opinion "if you can't hear 'um, you can't work 'um". The features and options in these rigs vary a great deal, so for the most part I tried to compare apples to apples by using only the options available in all the rigs. This was a little tough but for the most part only narrow filters, noise blankers, and IF shift were used. I will also say that to the best of my knowledge, each of these rigs was operating as close as possible to manufacturers specs as advertised. The kit radios were built by knowledgeable, capable builders. (No, not me).

Here is the line up for the 'Wolves':
Icom IC-775DSP
Yesu FT-1000D
Ten Tec Omni VI+
Kenwood TS-850SAT (Thank you W5SB)
Ten Tec Triton IV

Here is the line up for the 'Sheep':
Oakhill Research OHR-400 (Thank you K5ZTY)
Elecraft K2 (Thank you KK5LD)

The trick was to find a signal on the air and get 3 or 4 of the rigs to the same frequency before he went QRT. Mostly it was 3 at a time. I used noise blankers and usually a filter in the 400hz range. I usually looked for the weakest signal I could find on the rig I was tuning at the time. For the most part each rig held its own against QRN and the filters worked well in QRM conditions. One station I listened to was a UA0 with that familiar 'over the pole flutter' and a signal strength of almost S-nothing against the noise. It was most interesting that I never lost copy on the K2, OHR400, Omni or Triton while he drifted into the noise on the 775 (DSP off), 1000D, and 850. On the other end of the signal strength scale, the S9+ stations did not sound as good on the Triton and Omni because of the strong 'pop' as the agc caught up with the first dit. The K2, 775, 1000D, and 850 did not exhibit this problem. One observation on the K2 is that it has a extremely good signal to noise ratio but I found the background noise to be somewhat harsh. I like to contest and I would expect to walk away after several hours of operating on 40/80 meters with a roar in my head. It is possible I was hearing some distortion due to a lack of sufficient audio output. With the K2 online with the 775 and the 1000D, I never was unable to copy something on the K2 that I could hear on the big rigs. What a radio! The DSP in the 775 is a great feature and makes a remarkable difference between off and on. However I can't help but feel that a lot of what it is cleaning up is noise generated in the 775 itself. The noise blankers in the 775 and the Omni were very effective but seemed to 'modulate' or 'buzz' from strong stations that were several kcs away.

In a nut shell, based on effectiveness and 'pleasantness of sound', I would rate the top 3 receivers to be the Omni VI+, Triton IV, and K2. The others were all too close to call. Once again this is just one ham's opinion and each of you is entitled to yours.

Flame proof pants on:

OJ---K10J
dit dit
..

Date: Wed, 06 Oct 1999 14:33:12 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [52415] 10 Mhz oscillator photo/web page info.
Message-ID: <37FBC018.D6BF2906@qsl.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends, the data and a nice photo of the oscillator is available at:

<http://www.tmo.hp.com/tmo/datasheets/English/HP10811E.html>

That should generate some interest. Been quiet on this deal so hopefully a picture will help.

Still need WM-2 wattmeter or RX Noise bridge or better.

Throw in a GM-15 Kit and a paddle? Whatcha got to trade.

Private email please. I've sent 4 emails in 7 days on this and don't want to irritate the list.

Decisions will be tomorrow afternoon Pacific time.

dit dit

--

-Ed AR Millennium Q's=>1200/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Wed, 06 Oct 1999 17:36:25 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [52416] Re: The ARRL and QRP
Message-ID: <3.0.32.19991006173621.00732e38@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:03 PM 10/6/99 -0400, you wrote:

>

>I just sent out the press release to the ARRL regarding the Foxhunt. Rick
>says there may be a blurb on the Members only site and perhaps something
>in the "Up Front" page.

>

>Remember, you can't spell QRP without PR.

>

>73! =paul= W8KC

>Collector of Ten*Tecs and other fine plastics

><<http://www.acs.oakland.edu/~prvalko>>

Paul,
Thanks for your efforts!!
73 Pete NV4V

Date: Wed, 6 Oct 1999 17:51:52 -0400
From: "Bill Legge, NT1R" <wlegge1@maine.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <tentec@contesting.com>
Subject: [52417] FS: TT ARGONAUT II MODEL 535
Message-ID: <199910062143.RAA08504@proxye1-atm.maine.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

A friend of mine, Brad, W1XV, asked me to post this for him. Please contact him directly if interested.
Forsale Argonaut II includes 290 step attenuator, 700 microphone, original manual and mobile mounting bracket. I'll pay shipping. Front panel is pristine.....side panels have some rub marks due to mobile mount. Newly installed back-light. Works perfectly. 603-224-5737 no later than 0130Z. Email to wixv@cs.com

Thanks

Date: Wed, 6 Oct 1999 22:08:00 +0100
From: "Ted Williams" <tedw@btinternet.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [52418] Solder suckers
Message-ID: <019b01bf1045\$608ffc20\$1d068cd4@btinternet>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have found with the piston-type solder suckers that a good clean periodically plus a touch of thin oil on the piston give much improved suck.

My other technique (as an oboe player) is to add a tad of fresh solder to the hole and blow a top G through the hole while it's molten. Make sure

there's nobody standing behind it ;-)

Ted, G0ULL

Date: Wed, 06 Oct 1999 17:54:36 EDT
From: charles k brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [52419] Sardine Sender/QST
Message-ID: <19991006.215226.2607.6.n4so@juno.com>

Demaw, W1FB, "Build This Sardine Sender", QST Oct. 1978, p. 15.
--following year in 1979 has the article on building the
VFO for the Sardine Sender- QST Nov. 1979, p. 55

Exotic callsign 3Z0DIG 14.016 2014Z is Poland.
Worked with 5 watts and NC-20.

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Date: Wed, 06 Oct 1999 17:27:51 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: rrhensel@sprintmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52420] Re: Sawmill
Message-ID: <37FBCCE7.5723B4D0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Richard, could these be multi-frequency FeldHell signals?

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County

QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Richard Hensel wrote:

>
> FWIW
> I have an article around somewhere that explains what those
> sawmill noises are.
>
> They are actually multiplexed narrow band rtty signals referred
> to as "Buzz Saw" in the article.

Date: Wed, 6 Oct 1999 15:38:34 -0700
From: "NA6E" <mcherry@calweb.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [52421] RE: FOXHUNT: 10/12/99 Pre-Foxhunt QSO Party
Message-ID: <NDBBKOCKMLENMENHNPHHAEOFCAAA.mcherry@calweb.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With the chance of being on the air with mama fox, what little foxii could resist. And I have OJ warming up the band for me as the first fox of the season to boot. It's going to be a great season. See you all next Tuesday.

** 73 **

Mary, NA6ESacramento, CA

Date: Wed, 06 Oct 1999 18:48:43 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [52422] Re: Ribbon Cable ladder line!!
Message-ID: <19991006.173747.4679.1.N5IB@juno.com>

On Wed, 06 Oct 1999 03:13:59 +0000 Hal Maney

>Has anybody considered cutting windows in 300-ohm TV lead? Seems to me
>that the end result would be superior to hacked ribbon cable. Probably
>not as flexible, though, if flexibility is important.

Hal and gang,

I actually did some of that while awaiting an order from Wireman. Used RS cheap brown twinlead and used an exacto knife to cut out about 1.5" windows with 1/2 inch left intact in between them. It was DEVILISHLY tedious. I wanted to use a hole punch but my punch was too large and would bite into the conductor if it was not PERFECTLY centered.

It took well over an hour to make up 25 ft of line and my finger joints suffered for a full day afterwards.

Electrically the line did fine feeding a doublet with an MFJ971 tuner. The only problem was mechanical. Since the conductors in the cheap line are soft copper (not copperweld), once you cut away very much of the "web" the line is not structurally robust. It tends to collapse (conductors coming close together) if not kept under some tension, which is sure to cause some serious impedance variations. But the loss characteristics shouldn't change much. The solution is not to cut away so much web, but then.... what's the point??

Bottom line - Did the Happy Dance for sure when the UPS man pulled up with my 200' of the light weight 450 ohm window line from Wireman (only 15 cents per foot as I recall).

72 all,
Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

End of QRP-L Digest 1600

